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WILL'S

38th ANNUAL CATALOG

PIONEER SEED HOUSE
GREEN HOUSES, NURSERY

The Pioneer and the Indian Corn Grower

Native Flint Corn from the Indians of Dakota is the Foundation of Successful Farming in the Northwest

OSCAR H. WILL & Co.
BISMARCK N.D.

General Directions to Customers

HOW TO SEND MONEY. Remittance should be made by Postoffice or Express Money Order or by Bank Draft. Personal Checks delay orders as we must wait to verify them. U. S. Stamps are accepted for small amounts.

DELIVERY OF GOODS. Goods may be sent by mail, express or freight. Mail postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs., within 150 miles, 50 lbs. beyond that. Weight limit for Parcel Post to Canada 11 lbs., takes 8th zone rate. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

EXPRESS AND FREIGHT. Seeds sent by freight or express means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before receiving it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We strongly advise against mailing of plants and nursery stock as there is no recourse in case of delay and injury.

PACKING. No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

KEEP A COPY OF YOUR ORDER. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with other goods or notices sent.

MISTAKES. These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

OUR RESPONSIBILITY. It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands, especially goods like seeds which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

We give no warrant, express or implied, as to the description, quality, productiveness or any other matter, of any seeds, bulbs, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on the above terms, no sale is made thereof, and they must be returned at once and money will be refunded.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented they may be at once returned at our expense when we shall refill or refund the customer's money as requested.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station we are glad to replace or refund. We do not guarantee Nursery Stock and Plants after being taken from the express office, but are always willing to give attention to just claims for loss.

A Word of Greeting
to
Our Customers

THIS is to introduce our thirty-eighth annual catalog—for the year 1921. In addition to the full ninety-six pages again, you will find four pages of colored plates added for the first time this year. On the cover we again call to your attention the fact that we are the

PIONEER SEED HOUSE and NURSERY of the Northwest

Oscar H. Will, whose picture appears on the front cover, established our business nearly forty years ago, and at the same time started his breeding work with the native Indian corn. Since that time it has been our constant endeavor to breed, select and introduce seeds, plants and trees especially adapted to Northwestern conditions; and we believe that it can be truly said that this work has been of real and lasting benefit to the whole territory which we serve.

A fifty per cent increase in our business last year confirms our belief that our endeavors to aid Northwestern agriculture are appreciated, and we look forward to a still further increase this coming season. We have done some building and made some readjustments in our plant, all of which we feel sure will enable us to handle the coming year's business to the complete satisfaction of all customers.

The past year, though a difficult one in some ways, has been in general fairly satisfactory for the Northwest, and we may look forward to still more stable and prosperous conditions in the years ahead. We wish, however, to urge our customers to remember that all the business adjustments are not yet made and the country is not yet functioning on a pre-war basis. For this reason we must once more repeat the admonition that our customers must, as far as possible, ORDER EARLY; thereby helping us to give better service, and insuring themselves against the prevailing delays in transportation, for which we can not be responsible.

To all our old customers we extend our thanks and we wish them to know that we sincerely appreciate their patronage. To new customers we extend a welcome and the assurance that their orders will be handled as carefully and promptly as possible.

Do not hesitate to ask our advice or assistance on any point connected with agriculture, for we consider it a part of our duty to our customers to help them in any way in our power, and to the best of our ability.

Sincerely,

OSCAR H. WILL & CO.

Parcel Post Rates

Limit of weight in zones 1 and 2 is 70 lbs. Weight limit for zones 3 to 8 inclusive, is 50 lbs.

IF YOU DO NOT KNOW WHICH ZONE RATE APPLIES CONSULT YOUR POSTMASTER.

For zones 1 and 2.—1 lb. is 5c. Add 1c per lb. to 5c for each additional pound weight of the package. Thus 7 lbs. will be 5c plus 6 additional pounds at 1c per pound or 11c.

Zone 3. One pound is 6c. For each additional pound add 2c.
Zone 4. One pound is 7c. For each additional pound add 4c.
Zone 5. One pound is 8c. For each additional pound add 6c.
Zone 6. One pound is 9c. For each additional pound add 8c.
Zone 7. One pound is 11c. For each additional pound add 10c.
Zone 8. One pound is 12c. For each additional pound add 12c.

Premiums

Premiums must be claimed at the time of ordering, and only one premium is allowed to each order.

Class 1. An order for vegetable or flower seeds to the amount of ten dollars, or of seed grain and trees to the amount of fifteen dollars, entitles the customer to his choice of the following books:

Farmers' Account Book and Simplicity Service Set—A complete accounting system, making the calculation of the income tax its aim. Detailed explanation of Income Tax Law furnished with the set.

Farm Topics. A valuable compilation of useful information on farming.

Weeds and How to Eradicate Them. By Thomas Shaw.

Country Kitchen. 900 tested recipes.

Farm Wind Breaks and Shelter Belts.

Class 2. An order for vegetable or flower seed to the amount of fifteen dollars, or for grain or trees to the amount of twenty dollars entitles the customer to the following premiums:

One 16-inch White Thermometer. Tested and good for fifty below. This is an article necessary on every farm.

The Garden Guide. An amateur gardener's handbook, just the information for new gardeners.

Class 3. An order for vegetable or flower seeds to the amount of twenty dollars, or for seed grain or trees to the amount of thirty dollars entitles the purchaser to any one of the following books:

Vegetable Gardening. An advanced book on gardening.

Beginnings in Animal Husbandry. By Prof. Charles S. Plumb, a full discussion of live stock raising and breeding.

Grasses and How to Grow Them. By Prof. Thomas Shaw.

Elements of Agriculture. By Prof. J. H. Shepard and J. C. McDowell, a general discussion of all farm problems.

Special Onion Seed Premium. The book "Onions", by Ralph W. Jordan. Given upon request with each order for five pounds or more of onion seed. Sold at fifty cents. A complete work on the raising, handling, and treatment of onions with directions for every step from preparing ground to marketing.

Special Corn Premium. To those especially interested in the Indian Agriculture we can offer a book on the subject, "Corn Among the Indians of the Upper Missouri." This sells at $1.50, and we shall be glad to send it as a premium with every seed corn order of $30.00 or more.

Special Collections

Money Saving Offers and Novelties

Special Packet Collections No. 1 and No. 2

In numbers one and two, seeds in packets at more than 5c per packet may be counted as two or more five cent packets.

In no case, however, is it permitted to include ounce or larger packages in these collections.

To customers wishing only very limited quantities of seed for small gardens our No. 1 and No. 2 collections are most economical.

No. 1. We offer fifteen five-cent packets of seed, the selection of the buyer, for 50c.

No. 2. We offer thirty-two five-cent packets under the same condition for $1.00.

Will's Sweet Corn Collection

For the sweet corn collection see page 17 of the colored plates.

Will's Pioneer Home Garden Collection

Price, Postpaid, $1.50

For a garden 25x40 feet or 1,000 square feet; figured in 25 ft. rows but may be arranged differently.

This collection supplies the exact quantities of seed required for an ordinary, well balanced home garden, and saves much time and labor by giving you a complete order without having to make it up yourself.

(Amount, variety, space required, distance between rows and regular price)

¼-lb. Imperial Golden Wax Beans, 2 rows, 18 in. ..... $ .15
½-lb. Nott's Excelsior Peas, 2 rows, 18 in. ..... .25
½-lb. Everbearing Peas, 2 rows, 18 in. ..... .25
4 pkts. Radishes, assorted early and late, 2 rows, 1 ft. ..... .20
2 pkts. Lettuce, 1 head, 1 leaf, 1 row, 1 ft. ..... .10
1 oz. Will's Improved Beet, 2 rows, 1 ft. ..... .10
1 oz. Danvers Half Long Carrot, 2 rows, 1 ft. ..... .10
1 oz. Imp. Guernsey Parsnip, 2 rows, 1 ft. ..... .10
2 pkts. Sandwich Island Salsify, 1 row, 1 ft. ..... .10
2 pkts. Nuetta Sweet Corn, 2 rows, 2 ft. ..... .10
2 pkts. Imp. Early Dakota Sweet Corn, 2 rows, 2 ft. ..... .10
1 pkt. Purple Top Strap Leaf Turnip, 1 row, 1 ft. ..... .05
1 oz. Dakota Globe Onion, 2 rows, 1 ft. ..... .15
4 pkts., one each of Spinach, Winter Radish, Chinese Cabbage and Kohl Rabi for replanting, etc. ..... .20
Two rows left for cabbage and tomato plants.

Value $1.95
Price, Postpaid 1.50

Special Flower Seed Collection No. 3

For School Children

As a special for children interested in flowers and in flower garden competition we offer ten packets of flower seeds, selected by ourselves and of suitable varieties, for 25c.

Your seeds have always given the best of satisfaction, and your corn collection last year could not be beaten. Lasted as you said it would. We ate all we wanted canned 25 pints and dried 25 or 30 pounds.—MRS. W. H. VAN WOERST, Mohall, N. D., Route 5.

Will's Pioneer Indian Collection

Our Vegetable Heritage From the First Americans.

Before a white man ever saw North Dakota the Mandan, Hidatsa and Arikaree Indians had a highly developed type of agriculture along the Missouri River. Our firm has long been interested in the remnants of this agriculture and we have taken over and adopted many of the Indian varieties to the lasting advantage of Northwest farmers.

The Indian collection consists of samples of various items obtained by us from the Fort Berthold Reservation and other reserves, and should prove exceedingly interesting for experimental purposes, as well as for the practical value of the plants.

1 pkt. Assiniboine Corn.
1 pkt. Nuetta Sweet Corn.
1 pkt. Arikara Yellow Bean.
1 pkt. Hidatsa Red Bean.
1 pkt. Mandan Squash.
1 pkt. Mandan Flour Corn.

Price, 25c Postpaid

Our Leader Collection 50c Postpaid

1 pkt. Will's Improved Beet.
1 pkt. Copenhagen Market Cabbage.
1 pkt. Danvers Half Long Carrot.
1 pkt. Danish Perfection Cauliflower.
1 pkt. Golden Self Blanching Celery.
1 pkt. Early Fortune Cucumber.
1 pkt. Curled Simpson Lettuce.
1 pkt. Page's Early Muskmelon.
1 pkt. Will's Sugar Watermelon.
1 pkt. Dakota Globe Onion.
1 pkt. Guernsey Parsnip.
1 pkt. Neapolitan Pepper.
1 pkt. Early Carmine Radish.
1 pkt. Will's Improved Rutabaga.
1 pkt. Mandan Squash.
1 pkt. Millet's Dakota Tomato.

Will's Old Fashioned Flower Garden Collection 75c Postpaid

1 pkt. Antirrhinum.
1 pkt. Bachelor's Button.
1 pkt. Balsam.
1 pkt. Canterbury Bells
1 pkt. Catchfly.
1 pkt. Convolvulus.
1 pkt. Double Daisy.
1 pkt. Forget-Me-Not.
1 pkt. Hollyhock.
1 pkt. Marigold.
1 pkt. Mignonette.
1 pkt. Premium Pansy.
1 pkt. Phlox.
1 pkt. Portulaca.
1 pkt. Stock.
1 pkt. Sweet William.
1 pkt. Verbena.
1 pkt. Zinnia.

1 Ounce Tall Nasturtiums, 1 Ounce Imperial Mixed Sweet Peas—Value $1.15. Price, postpaid 75c.

There are four varieties of seed I get from you which I wish to especially compliment you on. They are Copenhagen Market cabbage, Will's Sugar watermelon, Miller's Cream muskmelon and Millet's Dakota tomato. If there are any better than these for North Dakota I have never seen them. This past summer we sold eighty dollars worth of melons, cabbage and tomatoes to make two hundred dollars from our garden, besides eating, canning and giving away tomatoes and melons to all our neighbors. We were very popular in melon time.—FRANK SAUNDERS, Leonard, N. D., R 2.

Vegetable Seed Section

Views In Our Vegetable Trial Grounds.

Please remember that the prices here quoted are by mail, postpaid to any address in the United States, unless otherwise noted. Prices of one pound or over subject to change.

Hardy, Selected, Acclimated Vegetable Seeds for Northwestern Conditions

All dwellers in the Northwest should realize, and always bear in mind when selecting seeds, that they are living in climatic conditions with short growing seasons and sudden extremes, which restrict considerably the varieties of the different vegetables that can be grown, and demand earliness and hardiness as absolutely necessary qualities.

It has been our endeavor and study for nearly forty years to furnish the best and most suitable sorts of every species of vegetable for the Northwest gardener. In doing this we have bred and hybridized some things, acclimated others and introduced into general knowledge still other things which showed up well in our trials.

We know that we have the most perfect and best selected list of vegetable seed especially adapted to our section that has ever been compiled and the seed offered for sale, by any one firm.

For these reasons NORTHWESTERN GARDENERS MUST HAVE WILL'S PIONEER SEEDS for successful vegetable gardens.

How Much Seed for the Garden

In response to the need by many of our amateur gardening customers we have decided to print a planting table for vegetables. After carefully going over the many inquiries for information received, we have worked out the following table which we trust will prove useful to many:

Ft. of row for five persons	Kind of vegetable	Distance apart of plants in rows (inches)	Least distance between rows (inches)	Seed for 100 feet of row
200	*Beans—Dwarf, snap	2-5	20	2 lbs.
100	Beans—Dwarf, lima	6	20	2 lbs.
150	*Beets	2-4	18	2 oz.
200	Cabbage	16-24	24	50-75 plants
50	Cauliflower	16-24	24	50-75 plants
50	*Carrot	2	18	1 oz.
50	Celery	4-8	18	200 plants
500	*Corn, sweet	16-36	30	¼ lb.
100	Cucumber	Hills 48	48	½ oz.
25	Egg plant	20-30	24	50 plants
150	*Lettuce	4-8	Beds 6	¼ oz.
150	Muskmelon	Hills 72	72	½ oz.
200	Onions, from sets	2-3	16	3 pts. sets
50	Parsnip	3-5	18	½ oz.
300	*Peas	¾-1½	30	2 lbs.
25	Peppers	16	24	20 plants
800	Potatoes, early	14-18	30	½ peck
150	*Radish	1-2	16	1 oz.
200	Spinach, fall	1-3	18	1 oz.
25	Squash, summer	Hills 42	42	½ oz.
100	Tomato	30	36	40 plants
800	*Turnip (after potatoes)	2-4	18	½ oz.

These vegetables marked * should not all be planted at one time, but a part at intervals of two or three weeks, to secure a continuous supply.

ASPARAGUS— One Ounce Will Sow Fifty Feet of Drill.

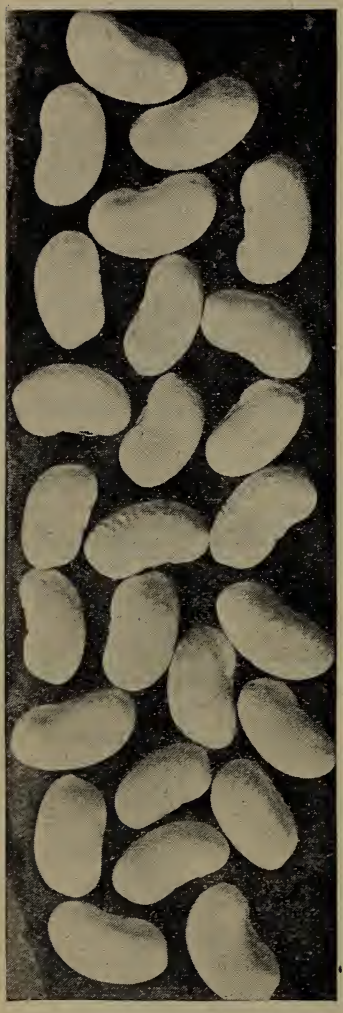
CULTURE—Sow early in spring in rows one foot apart; when one year old the roots may be taken up and transplanted in permanent beds, which should be made by taking out the soil to a depth of about 16 inches; fill in with six inches of well rotted stable manure, then six inches of soil some what firmed. Place the roots on the same about 10 inches apart with the roots well spread out, and cover so that the crown will be about four inches below the surface. Keep the surface well raked to keep down the weeds until the shoots appear.

Conover's Colossal. This is the largest and most extensively grown green variety. Pkt., 5c; oz., 10c; ¼-lb., 20c; 1-lb., 60c, postpaid.

Columbia Mammoth White. A distinct variety of strong and vigorous growth, producing very large white shoots that in favorable weather remain white as long as fit for use. Pkt., 5c; oz., 10c; ¼-lb., 25c; 1-lb., 80c, postpaid.

Plant Roots of Above Varieties, and save 2 years from seed.
See Page 98.

Conover's Colossal



Great Northern

Beans

All of Our Beans Are Hand Picked

CULTURE—Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. Note that we are listing beans by weight instead of measure. One pound of beans is a little more than one pint.

FIELD BEANS

Plant field beans for home and market, using our hardy northern varieties. There is no better drought resistant crop and the land is improved by this growth.

Within the past year or two the public has learned a great deal as regards field beans for cooking purposes. Formerly nothing but the common navy, toughest and most difficult to cook of any of our beans, was in demand. Now that people have discovered that the native American sorts, including the colored beans, are so much better flavored and tenderer, it is very easy to market these sorts. All of our beans including the Pilot Navy, are of native stock except the Early Navy.

Great Northern

The Most Delicious Baking Bean in the World

The first beans of this variety were obtained from the Fort Berthold Indians by Mr. Will over thirty years ago and had been raised by them for many years. They are pure white and kidney shaped, of high quality and peculiarly pleasing flavor. When first introduced, their size and shape were held in disfavor, but yield and flavor have forced their recognition. Many other seed houses catalog this same bean under other names which in itself indicates the merit of our selection. It is exceptionally early and of heavy yield, absolutely acclimated to our conditions in the Northwest. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 35c, postpaid. By express or freight, 10-lbs., $1.25; 100-lbs., $10.00.

If you use large quantities of garden seed, let us quote on your requirements.

Pilot Navy

Pilot Navy Field Bean—The Earliest on Earth.—This bean, originated in Minnesota by Mr. Dupont, and introduced by us in 1913, has come to occupy a very high place both for its earliness, and its cooking qualities. It comes close to the wax beans, from which it developed, in tenderness. The skin is very thin and it is the best flavored of the Navy Beans. Its earliness makes it a most valuable acquisition to our field crops. We have annually increased our acreage, but as annually find ourselves sold out early in the spring. This year we have an unusually fine stock to offer, and recommend it highly. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 35c, postpaid. By express or freight, 1-lb., 35c; 10-lbs., $1.25; 100-lbs., $10.00.

Early Navy. This is a Northern grown strain of the common Commercial Navy. Our seed is Montana grown on dry land. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1-lb., 30c, postpaid. By express or freight, 10-lbs., $1.10; 100-lbs., $9.00.

Hidatsa Red Bean. Formerly listed as Red Indian, now named after one of the Ft. Berthold tribes where it was obtained. Hardy, drought resistant and an excellent baking bean. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1-lb., 30c, postpaid. By express or freight, 10-lbs., $1.25; 100-lbs., $10.00.

Arikara Yellow Bean. Formerly called Yellow Indian. We have given it the name of one of the Ft. Berthold tribes of Indians, as it is much grown by that tribe. An even better flavored bean than the Hidasta, but not quite as heavy a yielder. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1-lb., 30c, postpaid. By express or freight, 10-lbs., $1.25; 100-lbs., $10.00.

Dwarf or Bush Beans

Improved Golden Wax Beans. We feel amply rewarded for the care and attention we have given our strain of Improved Golden Wax Beans. A rich, golden-wax in color, the pods are large, fleshy and entirely stringless. This variety is rust resistant and from one to two weeks earlier than the old Golden Wax strain. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 35c, postpaid. 5-lbs., $1.25, by express or freight.

Pencil Pod Black Wax. An old favorite sort, hardy, productive and of excellent flavor. Long golden yellow pods, stringless and brittle. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 35c, postpaid. 5-lbs., $1.20, by express or freight.

Round Pod Kidney or Brittle Wax. An early, round-podded, stringless yellow wax of the golden-wax type, but superior in several respects. Pods long and slender, 5 inches in length, quality the best. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 35c, postpaid. By express or freight, 5-lbs., $1.25.

Improved Golden Wax

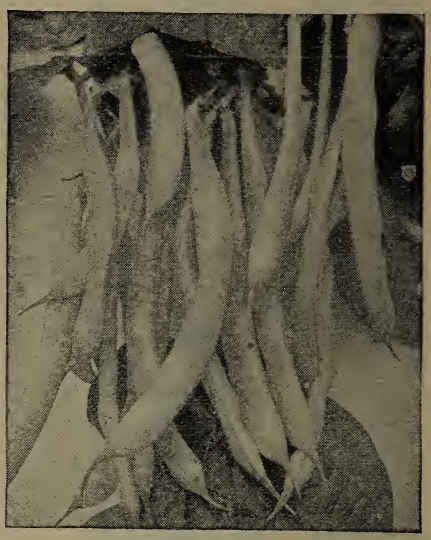
I find your seeds the only kind that will give satisfaction in this country.—JOHN W. ADNEY, Edwards, Mont.

Green Pod Stringless Wax

Green Pod Stringless. Earliest of the green pod sorts. Our strain is peculiarly rich in flavor, meaty and productive. The pods are long, round, straight and very handsome. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1-lb., 30c, postpaid. 5-lbs., $1.10, by express or freight.

Bountiful. Best of flat podded sorts. Pods 6 to 7 inches long, stringless and of fine quality. Color light green. A tremendously productive sort. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1-lb., 30c. By express or freight, 5-lbs., $1.25.

Sure Crop Stringless Wax. A heavy yielding and delicious wax bean, very bushy with long flat yellow pods. Has been increasingly popular every year since its introduction. Absolutely stringless, very hardy, rust resistant, with a very strong plant growth. An excellent main crop wax bean. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 35c, postpaid. By express or freight, 5-lbs., $1.40.



Sure Crop Stringless

Davis Kidney Wax. Desirable because of its long, handsome, light yellow pods, and its hardiness; the white color of its seed makes this variety equally valuable as a bean for winter use. Pkt., 5c; ¼-lb., 15c; ½-lb. 25c; 1-lb., 35c; postpaid. 5-lbs., $1.25, by express or freight.

Bush Limas

Fordhook Bush Lima. Perhaps the very earliest of all Limas. Pods of good length and contain from 4 to 5 large, thick white beans. A wonderful producer and of excellent quality. Pkt., 5c; ¼-lb., 20c; ½-lb., 35c; 1-lb., 50c, postpaid.

Fordhook Bush Lima.

New Wonder. This is a standard variety in the Northwest. It is of compact growth and not inclined to runners as are many Bush Limas. The beans are broad, thin and flat. The flavor is delicate and the yield excellent. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 35c, postpaid.

Pole Beans

Kentucky Wonder Wax. The best pole wax bean for northern planting; the light yellow pods are 8 to 9 inches long, thick, very fleshy, and brittle. This is one of the earliest of the pole sorts. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 35c, postpaid.

King of the Garden Pole Lima. An improved strain of large White Lima. The pods frequently contain 5 and 6 beans of large size, excellent quality, and handsome appearance. Pkt., 5c; ¼-lb., 10c; ½-lb., 18c; 1-lb., 30c, postpaid.

We have bought our garden seeds of your firm ever since we came to Hulett, Wyo. That is now sixteen years and we always have a lovely garden of good things to eat, and I divide with my neighbors.—MRS. J. A. LAWRENCE, Hulett, Wyo.

Beets

Remember that these prices are for seed prepaid by mail except as otherwise noted.
One ounce of seed will sow fifty feet of drill; six pounds per acre.

CULTURE—Sow in drills 15 to 18 inches apart as early as the ground can be worked in the spring. When the plants are large enough to handle, thin to four or five inches apart in the row.

Garden Beets

Will's Improved Long Blood Red

Will's Improved Blood Turnip Beet

An improved strain of Crosby's Egyptian. Best for home market and canning. The earliest in cultivation; this beet is a rich dark red in color, smooth, fine-grained and globular, with small tap-root and small, erect top. In addition to its excellent forcing qualities, it is an unexcelled winter sort. It cooks sweet and tender and is never woody or stringy. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 90c.

Long Blood Red. Best of the long garden beets; drouth resistant, a very good keeper and grows until late in the fall. Excellent for sod planting. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1-lb., 85c, postpaid.

Edmund's Early Blood Turnip. This deep blood-red variety is early, sweet and tender, yet unsurpassed for solidity and keeping purposes. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1-lb., 85c, postpaid.

Eclipse. The Eclipse is an extra early, glossy-red beet of exceptionally fine flavor. Its tops are particularly tender and rich when cooked as greens. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 90c, postpaid.

Eclipse Beet

Swiss Chard

Lucullus. Swiss Chard is unique in that it is a two-purpose vegetable. The outside leaves are used as boiling greens and are most excellent for this purpose. The large white stalks are used like asparagus; they are boiled and served in melted butter and are fully as delicious and even more tender than asparagus. Pkt., 5c; oz., 10c; ¼-lb., 30c.

Sugar Beets

Champion White. A hardy and easily grown white, wedge shaped, sugar beet. This variety combines heavy yield with an extremely high sugar content. The sugar beet is not only a source of sugar but an excellent stock food and a heavy milk producer. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1-lb., 85c, postpaid. By express or freight, 5-lbs., $3.

Ask for our special leaflet on making syrup from sugar beets and sorghum.

Giant Half Sugar Rose. This is an intermediate type between the sugar beet and Mangel, combines sugar content to a degree with the size of the mangel thus improving the quality of the feed and maintaining the quantity. Rose colored skin, white flesh. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1-lb., 85c, postpaid. By express or freight, 5-lbs., $3.00.

Mangels or Stock Beets

In these days of feed shortage the dairy man and stock raiser should pay especial attention to the value of the mangel wurtzel or stock beet as a cattle feed. Yielding an unbelievable quantity to the acre it produces an excellent silage, or may be fed as it comes from the field mixed with a grain and hay ration. Either system gives good results in the production of milk.

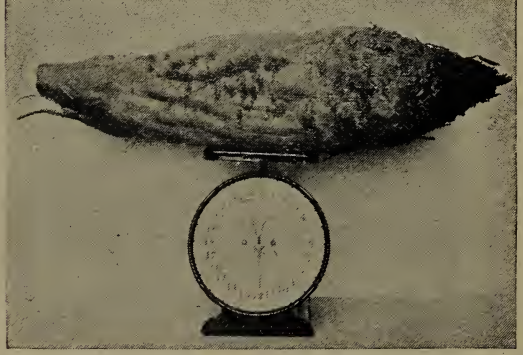
Sow in April and May in a good deep, mellow seed bed, well manured, in drills 18 inches apart and about two inches deep. Four to six pounds are required to the acre.

Golden Tankard Mangel Wurtzel. A variety noted for its milk producing properties. The flesh is firm and solid and of a rich golden yellow color. It grows well above the ground and yields well on light soils. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1-lb., 85c, postpaid. By express or freight, 5-lbs., $3.00.

Taaroje Barres Mangel. We first introduced this variety from Denmark some five years ago after thorough trials, and its immense yields have made it a favorite wherever grown. The roots are most valuable for their high dry matter content, which pound for pound nearly equals the best sugar beets. They grow largely out of ground and are easily lifted when mature. We believe this variety will outyield in weight all others, which with its quality makes it a very valuable sort for feeding. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 90c. By express or freight, 5-lbs., $3.25.

Taaroje Barres Golden Tankard

Giant Red Eckendorf Mangel Wurtzel. The Eckendorf Mangel is a phenomenal yielder and is more largely planted in Germany than any other sort. It is easily harvested as the root comes to the largest part above the ground. The roots are smooth, of cylindrical shape, and weigh from 15 to 25 pounds. The flesh is white, firm and of high nutritive value. This is one of the best varieties. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1-lb., 85c, postpaid. By express or freight, 5-lbs., $3.00.



Mammoth Golden Giant

Mammoth Golden Giant Mangel Wurtzel. The roots are very large, even in shape, and grow half out of the ground so that they are easily harvested. The skin is a rich golden yellow; the flesh is white, firm and sweet. The Golden Giant is an excellent keeper, and gives remarkable crops. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1-lb., 85c. By express or freight, 5-lbs., $3.00.

Mammoth Long Red Mangel Wurtzel. This is the heaviest cropping and largest of all mangels. It grows well above the ground and is easily harvested. The deep red roots are straight, well formed, and solid. This variety is particularly adapted to a deep soil. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1-lb., 85c, postpaid. By express or freight, 5-lbs., $3.00.

Please send me a catalog. I want to order my garden seed from you as I can always depend upon your seed and always raise a good garden when I plant them.— MRS. GEO. SUMPTER, Payette, Idaho.

CHINESE CABBAGE—(Pe-Tsai)—A wonderful salad plant, resembling Cos Lettuce. It should be planted early in the spring and again about the middle of July, as it goes to seed rapidly in hot weather. The inner leaves blanch a creamy white and its mild and pleasant flavor makes it distinctive when served as a salad or cooked like asparagus. Pkt., 5c; oz., 25c; ¼-lb., 90c.

Chinese Cabbage

BORECOLE OR KALE—Green Curled or Scotch. This is more hardy than cabbage and makes excellent greens for fall and early spring. A good frost improves the quality. Pkt., 5c; oz., 20c; ¼-lb., 75c, postpaid.

BROCOLI—Purple Cape. Forms heads much like cauliflower, but is hardier gives excellent results in cool localities. Pkt., 5c; oz., 20c, postpaid.

BRUSSELS SPROUTS—Paris Market. This is by far the most delicately flavored of the cabbage family. Our strain is of half dwarf growth bearing handsome, solid, round sprouts of best quality, crowded together on the stalks. Pkt., 5c; oz., 20c; ¼-lb., 75c., 1-lb., $2.75, postpaid.

CHERVIL—Curled. More handsome and finely curled than parsley and useful in garnishing. Our strain is very early and finely flavored. Pkt., 5c; oz., 10c; ¼-lb., 30c, postpaid.

CHICORY—Large Rooted or Coffee. The roots dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. The leaves make an excellent salad for early spring use. Pkt., 5c; oz., 30c; ¼-lb., $1.00, postpaid.

WITLOOF. Witloof is used principally as a winter salad, and it is most delicious served with French dressing and eaten like Cos Lettuce. The seed should be sown in the open ground, not later than June in drills twelve to eighteen inches apart, and the seedlings should be thinned out to stand closer than three inches. The plants form long, parsnip-shaped roots which are lifted up in the fall, trimmed of leaves, and stored in soil in a cool place until wanted for forcing. It requires about one month to force the roots. The heads are then cut off with a small portion of the neck of the root attached. Pkt., 5c; oz., 30c; ¼-lb., $1.00.

CORN SALAD—Large Round Leaved. This is a small, quick growing salad plant for late fall or early spring. It may also be cooked for greens. Pkt., 5c; oz., 10c; ¼-lb., 35c, postpaid.

CRESS—Fine Curled or Pepper Grass. Its leaves impart an agreeable and pungent taste to salads, and are also used for garnishing. Pkt., 5c; oz., 10c; ¼-lb., 30c, postpaid.

Kohl Rabi

ENDIVE—Sow outdoors in rows 18 inches apart, later thin to 10 inches in the row. When well grown tie the leaves up to blanch. 1 oz. plants a 50 ft. row, or makes 3,000 plants.

Mammoth Green Curled. An improved variety, leaves crisp, tufty and full. Midrib is pure white with large white heart. Pkt., 5c; oz., 10c; ¼-lb., 40c, postpaid.

Kohl Rabi

One ounce sows 150 ft. drill. Culture, about the same as for turnips.

Early White Vienna. An early variety of excellent flavor, tender and meaty. Pkt., 5c; oz., 20c; ¼-lb., 75c, postpaid.

Received the order in splendid condition. It couldn't have been better filled or more promptly or correctly by any other seed house and I send large orders to several. Your prices are fair and the packets and ounces liberal. MYRON WOOLEVER, Lantz, Wash.

Gourds

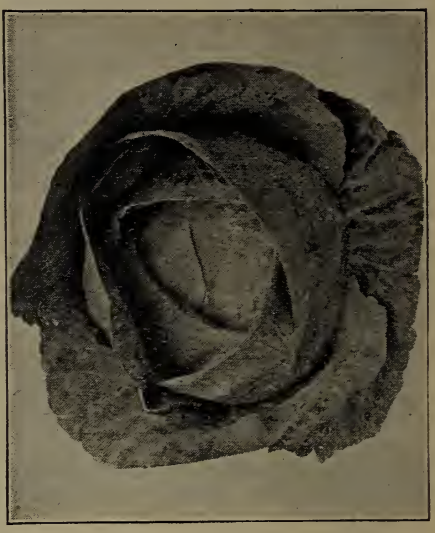
Nest Egg. Resembling in color, shape and size, the hen's egg. Do not crack, last for years, and make the best nest eggs. Rapid grower and good climber; extremely ornamental, and useful for covering screens, etc. Pkt., 5c; oz., 10c; ¼-lb., 40c, postpaid.

New Japanese Dish Cloth or Luffa. Ornamental enough for a house vine, and fruit is very useful. Fruit enormous, two feet in length and borne in great profusion. The lining of mature fruit, when washed and bleached, is porous, elastic and sponge-like, making the nicest, cleanest substitute for dish cloths and bath sponges imaginable besides being useful for various articles of fancy work. Pkt., 5c; oz., 15c; ¼-lb., 50c, postpaid.

LEEK—Large London or Flag—Culture—Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. Pkt., 5c; oz., 15c; ¼-lb., 60c, postpaid.

Cabbage

For very early use sow the seed in hotbed or in boxes in the house. The best and hardiest plants may be produced by sowing seed in cold frames outside after danger of hard freezing is past. Transplant in garden or field when weather will permit, 20 to 30 inches apart for the small, early varieties, and from 2½ to 3½ feet for the large, late sorts. Some recommend planting the seeds in the field, 3 or 4 seeds in a hill and leaving the strongest plant. One ounce of seed will produce about 4,000 plants.



Copenhagen Market

EARLY VARIETIES.

COPENHAGEN MARKET—(See page 17)—This is in our opinion the heaviest yielding and best quality cabbage that can be grown. A tremendous yielder of smooth, round, even sized heads, valuable for either early or main crop use, and with wonderful hardiness and vitality. A result of the highly developed Danish system of breeding. The plant is short stemmed and compact, leaves medium light green, thick and smooth, heads average about ten pounds. Pkt., 5c; oz., 25c; ¼-lb., $1.00; ½-lb., $1.75; 1-lb., $3.00, postpaid.

Early Express. A very early variety forming small oval heads with round, thick leaves. It ranks close to early June in earliness. Pkt., 5c; oz., 20c; ¼-lb., 80c; ½-lb., $1.50; 1-lb., $2.50, postpaid.

Ey. Jersey Wakefield—Early June

Selected Jersey Wakefield. This is an old and justly popular sort. The heads are conical and very solid, with few outer leaves. The stem is short and the plants very hardy. Pkt., 5c; oz., 25c; ¼-lb., 90c; ½-lb., $1.50; 1-lb., $2.50.

Will's Early June. This is the earliest flat-headed cabbage in cultivation. The head is solid and shapely, and forms early, making fair sized heads in from 60 to 70 days from seed. The plant is vigorous, drought resistant, and not subject to disease, which makes it especially desirable for all parts of the Northwest. Pkt., 5c; oz., 20c; ¼-lb., 80c; ½-lb., $1.50; 1-lb., $2.50, postpaid.

For Cabbage Plants, see Page 81.

We never had such fine cabbages as we raised from your Copenhagen Market seed. They do well under irrigation.—N. L. BURTON, Yakima, Wash.

Early Winningstadt. An old favorite; its hardiness permits early planting. The leaves are dark green and very tightly folded, and the hardest of any early cabbage. The heads are pointed, and suffer less from the cabbage worm than most other sorts. It is a good keeper and well liked for kraut. Pkt., 5c; oz., 20c; ¼-lb., 80c; ½-lb., $1.50; 1-lb., $2.50.

Henderson's Early Summer. With heads averaging over double the size of those of the Jersey Wakefield, this variety is only a few days later. The heads are large, solid and flat, of excellent quality, tender and sweet. It is well adapted for kraut. Pkt., 5c; oz., 20c; ¼-lb., 80c; ½-lb., $1.50; 1-lb., $2.50.

Selected Premium Flat Dutch

LATE CABBAGE

Will's Selected Premium Flat Dutch. One of the standard late varieties, low growing and a sure header. It forms very large, flattened heads, bluish green in color, compact and of handsome appearance. The quality is fine, the flavor excellent, and the inside leaves, when cut, are especially tender. This is a strong grower under adverse conditions. Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., $1.40; 1-lb., $2.75, postpaid.

GLORY of ENKHUIZEN. Next to the Copenhagen Market this is perhaps the most universally popular cabbage with both growers and users. It is later than the former, being intermediate between it and the Premium Flat Dutch. Plant is short stemmed, heads large, round and very solid with very few outer leaves. Pkt., 5c; oz., 20c; ¼-lb., 80c; ½-lb., $1.50; 1-lb., $2.80, postpaid.

Danish Ball Head.

Red Drumhead. The largest and best red cabbage. The head is round, solid and deep red in color. This variety is used almost entirely for pickling. Pkt., 5c; oz., 40c; ¼-lb., $1.25.

Danish Ballhead Cabbage. This distinct variety is extremely hardy and weighs more for its size than any other sort we have ever grown. The pale blue-green heads will average from eight to ten inches in diameter, are crisp, tender and sweet, and unexcelled for slaw and sauerkraut. While drought resistant, it will not rot in wet seasons. It is one of the best of winter cabbages. Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., $1.35; 1-lb., $2.60.

For preventatives against the cabbage worm pest, buy Slug Shot or Bug Death.

We used your seed last year (1919) for the first time and we are certainly well pleased with them. The weather was so hot and very dry but everything did fine.—JAMES R. SMILEY, Bunker, S. D.

Your seeds are the only successful ones I have found so far for this climate and altitude.—MRS. C. W. ROUNDY, White Sulphur Springs, Mont.

Carrots

One ounce will sow 100 feet of drill; 3 to 4 pounds per acre.

CULTURE—Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, covering one inch deep and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart.

Danvers Half Long

Chantenay Carrot. This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with market gardeners. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 50c; 1-lb., 90c, postpaid. 5-lbs., by express or freight, $4.25.

Danvers Half Long. The best known medium early variety, a great yielder and a first-class carrot for all soils. The root is smooth, from 6 to 8 inches long, a rich deep orange in color, with close textured flesh and little core. Although these roots are comparatively short, under good cultivation they yield as heavily as the larger sorts and are more easily harvested. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 90c, postpaid. 5-lbs., by express or freight, $4.25.

Improved Long Orange

Improved Long Orange. One of the most desirable sorts for either garden or field culture. The roots run about 12 inches long and three inches in diameter at the crown, tapering to a point. Of fine quality for table use; it is a heavy yielder, a good keeper, and the best late carrot. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 90c, postpaid. 5-lbs., by express or freight, $4.00.

Oxheart or Guerande. We do not hesitate to call this the most valuable variety in existence. It is intermediate as to length and from 4 to 5 inches in diameter. With bright orange flesh, fine grain and sweet, it is of fine quality for table use and equally good for stock. Its roots continue of best flavor throughout the season and, where other varieties have to be dug, are easily pulled. This wonderful sort has yielded as high as 1,200 bushels to the acre. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 90c. postpaid. 5-lbs., by express or freight, $4.25.

Oxheart Carrot

Early Horn. This very early stump-rooted variety is fine grained and of agreeable flavor. It is a favorite for early spring planting and table use. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.10, postpaid.

French Forcing. The earliest variety, used largely for forcing. The roots are almost round and about 2½ inches in diameter. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 70c: 1-lb., $1.25, postpaid.

I have purchased seeds from you now for the last ten years.—H. T. BAKKE, East Grand Forks, Minn.

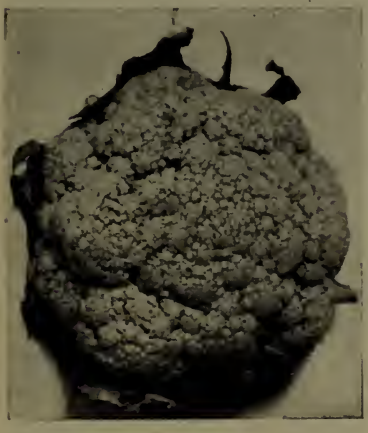
Stock Carrots

Giant White

Giant White or Belgian. The stock carrot is one of our best feed crops, but is unfortunately much neglected. It is a remarkably efficient feed for both horses and cattle, and will put fat on either sheep or hogs very rapidly. Yields are enormous, and we seldom have a year so dry as to cause a crop failure. This variety is the heaviest cropper of all carrots, and is grown entirely for stock feeding. It is easily lifted from the ground. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 40c; 1-lb., 75c, postpaid. By express or freight, 5-lbs., $3.25.

Cauliflower

CULTURE—Same as cabbage. Sometimes in the South the seed is sown in September and the young plants wintered over to save time in the spring. Pin or tie the leaves together after the head or flower has begun to form. This will preserve the snowy whiteness. An ounce of seed will produce about 3,500 plants if carefully managed. The common idea is that cauliflower is very difficult to grow. This is not the case and we advise all lovers of cauliflower to plant at least enough for their own use.



Snowball

We are once more able to offer the Danish prize stock of cauliflower seed from selected strains.

Danish Perfection. This is the very earliest cauliflower grown, heads small, round and uniform, quality excellent, keeping quality good. Can be placed on the market early so as to command the best price. A sure header, and the inner leaves curl over the head and preserve the whiteness. Pkt., 5c; oz., $2.00, postpaid.

Snowball. This is a larger headed medium early variety very much grown for the general main season market, as owing to the larger heads it is the best producer of any of the early sorts. Of the type of Early Paris, but so much better that we have dropped the latter. Pkt., 5c; oz., $2.00, postpaid.

Large Early Erfurt. This is unquestionably the leading variety for market and private use. For reliability of heading, size and solidity of head, it has no superior. The plants are dwarf, and while the outer leaves are erect, the inner ones lap over the heads, fully shading them from the sun and preserving them a beautiful snowy white. Pkt., 5c; oz., $1.80, postpaid.

Dry Weather Cauliflower. A drought resistant sort of exceptional merit. In dry sections and in the warmer districts it is most desirable. It is large heading and the large leaves give a splendid protection. Our stock is of fine plump seeds, grown by the originator in Denmark. Pkt., 10c; oz., $2.00, postpaid.

For Cauliflower Plants, see Page 81.

Dry Weather

Celery

Golden Self-Blanching

CULTURE—Sow the seed (which is slow to germinate) in shallow boxes in the house early in the spring. One-eighth inch of soil to cover is sufficient. Transplant to open ground in June or July. Set plants in rows 3 feet apart and 5 inches apart in the rows, in ground thoroughly enriched and cultivated. Until middle of August plants need nothing but water and cultivation. Earthing up may then begin and continue as long as the plants grow. At approach of severe freezing weather plants should be dug and may be stored in a dark, cool cellar, standing upright with the roots in a little moist sand.

Golden Self-Blanching Celery. This is absolutely the best sort to plant for the market. It is not quite so early as White Plume but the plants are of heavier and more compact growth. Like White Plume, too, it is self-blanching, but the color is a richer golden yellow. Nearly stringless, the stalks are thick, crisp and brittle, while for flavor this sort is unsurpassed. Pkt., 5c; oz., 35c; ¼-lb., $1.25; ½-lb., $2.00; 1-lb., $3.75, postpaid.

Giant Golden Heart. Its rich golden color, its size, crispness and excellent flavor, combine with its unusual keeping qualities in making this sort a great favorite with gardeners. Pkt., 5c; oz., 20c; ¼-lb., 60c; ½-lb., 90c; 1-lb., $1.75, postpaid.

Golden Heart Dwarf. A main crop favorite. A rich waxy golden color when bleached; the stalks are tender, crisp and rich in flavor. It is a grand keeper. Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., $1.25; 1-lb., $2.00, postpaid.

Golden Heart Dwarf

New Rose

New Rose. The Rose Celeries have a superior flavor. The delicate tracings of beautiful rose, shading with the white in the bleached stalk and heart, make this an ornamental table variety. This solid celery is a very good keeper and is rich and nutty in flavor. Pkt., 5c; oz., 20c; ¼-lb., 60c; ½-lb., 90c; 1-lb., $1.75, postpaid.

White Plume. This is the earliest celery in cultivation and the most easily bleached. It grows rapidly and blanches readily during the summer. In fact the inner part of the stalk really needs no blanching at all, though the outer leaves are made more tender by it. Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 85c; 1-lb., $1.60, postpaid.

CELERIAC or Turnip Rooted Celery. This is a celery of which only the root is used. Should be planted like other celery, but need not be banked up as the root is all that is used. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. Pkt., 5c; oz., 15c; ¼-lb., 50c.

For Celery Plants, see Page 81.

FIRST OF ALL PEAS
EARLY FORTUNE CUCUMBER
DAKOTA GLOBE ONION
COPENHAGEN MARKET CABBAGE
WILL'S IMPROVED BEET
MILLET'S DAKOTA TOMATO

Sweet
CORN
OUR SPECIALTY
5 of these
7 varieties
are our own
introduction
ASSINIBONE YELLOW
EARLY JUNE
NUETTA
IMPROVED EARLY DAKOTA
GOLDEN BANTAM
BANANA CREAM
STOWELL'S EVERGREEN
from
TOP TO BOTTOM
(IN ORDER)
AS THEY ARE FIT
FOR TABLE USE....
WILL'S
SWEET CORN
COLLECTION
-GIVES ROASTING EARS OVER THE LONGEST POSSIBLE PERIOD IN REGULAR SUCCESSION.
2ozs. Assinibone Yellow
2ozs. Early June
2ozs. Nuetta
2ozs. Improved Early Dakota
2ozs. Golden Bantam
2ozs. Banana Cream
2ozs. Stowell's Evergreen
Prepaid to you for
50¢

Sweet Corn

One fourth pound to 100 hills; 10 pounds per acre. One pound of sweet corn is a little more than a pint.

CULTURE—Plant in drills about three feet apart, one kernel every six inches, or in hill, 2½ feet apart in the row, and the rows three to three and one-half feet apart, dropping four or five kernels in a hill. Corn of any sort should not be planted until the ground has become warm, as cold, wet ground is sure to rot the seed before it can germinate.

Assiniboine Yellow Corn. Most certainly by far the earliest corn in the world, producing roasting ears two weeks before any sweet corn except early June, and a week before that. This corn was discovered several years ago growing on the Assiniboine Indian reserve in Canada where the Indians had raised and acclimated it during over forty years. We immediately started breeding for quality and uniform color. This yellow flour corn which is perhaps earlier than the original stock and as sweet as sweet corn is the result. By using this variety we venture to say that there is no place in the United States where roasting ears can not be raised. In our section it may be planted the middle of July and produce roasting ears by September first. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 35c, postpaid. By express or freight, in lots of five lbs. or more, at 20c per lb.

Nuetta

NUETTA, THE MOST PROLIFIC AND HARDIEST SWEET CORN IN THE WORLD, A NORTH DAKOTA NATIVE PRODUCT.

Nuetta Sweet Corn. Formerly listed as Indian sweet corn, but since we are naming items after the other Ft. Berthold tribes, all of whom grew the different vegetables, we have given the Mandan name for themselves to the sweet corn. Our original seed was obtained from a Mandan Indian and we have selected it for the past eight years. It has proved very nearly as early as the Early June with much larger ears, and a great many ears to the stalk, making it the most productive variety we have. Roasting ears are yellow and very sweet, rivalling the Golden Bantam. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 40c, postpaid. By express or freight, 5-lbs., $1.25; 10-lbs., $2.25.

WILL'S EARLY JUNE. The earliest sweet corn on earth. Remember we control the only genuine early June, although one of our competitors has attempted to steal the name.

Will's Early June. The earliest sweet corn raised. A very dwarf and amazingly early variety, bred by us for a short season, and a true and delicious sweet corn. In great demand in Canada and in Mountain regions where the season is very short, as well as by market gardeners and corn lovers who wish the longest possible succession of varieties. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 40c, postpaid. By express or freight, 10-lbs., $3.00.

Improved Early Dakota. This is a northern grown selection of the Mammoth White Cory which has proved to be only a trifle later than the very early sorts, and a heavy producer of huge, plump and delicious ears. It is far superior to the old Early Dakota. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1-lb., 30c, postpaid. By express or freight, 10-lbs., $2.00.

Golden Bantam. To anyone who has tasted its delicious, golden roasting ears, it needs no introduction. A heavy producer, and ears remain edible for an unusually long period. Pkt., 5c; ¼-lb., 15c; ½-lb., 20c; 1-lb., 30c, postpaid. By express or freight, 10-lbs., $2.00.

Will's Banana Cream. This is a medium late variety which follows Golden Bantam. It is an unusually delicious table corn with large, well filled ears, and the ears remain fit for table longer than any other variety we have tested. Without question the best main crop for the Northwest. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 40c, postpaid. By express or freight, 10-lbs., $3.

Improved Stowells Evergreen. For many years Stowells Evergreen Corn has been the most prominent main crop variety. The ears are of medium size. The grains are deep, exceptionally tender and remain a long time in an edible condition. Pkt., 5c; ¼-lb., 10c; ½-lb., 15c; 1-lb., 30c, postpaid. 10-lbs, $1.75; 50-lbs., $7.00, by express or freight.

I bought twenty pounds of Early June and Nuetta sweet corn from you last spring and must say it is the best ever. We are at an altitude of 6000 feet and this is the only corn around here. We sold forty dollars worth in Butte and canned fifty quarts besides. One lady said it was the best corn in Montana.—C. B. KREPPS, Piedmont, Mont.

Pop Corn

Iriquois Pop Corn. This is a variety of the rice type, obtained from the Iriquois Indians of New York several years ago. It has proved much earlier than the ordinary White Rice and a good yielder as well. Pkt., 5c; ¼-lb., 20c; ½-lb., 30c; 1-lb., 40c, postpaid. By express or freight, 5-lbs., $1.00.

Japanese Hulless. This is a variety of wonderful quality for popping purposes, and always sells at a premium over the other sorts. It is, however, rather late and we have hesitated to catalog it on that account. A few years ago, however, we found an early strain which has now ripened with us for three years and we are this year offering some of our own grown seed. Pkt., 5c; ¼-lb., 20c; ½-lb., 30c; 1-lb., 50c, postpaid. By express or freight, 5-lbs., $1.50.

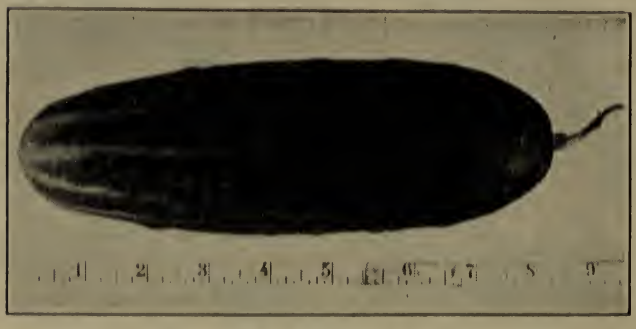
White Rice. Pearly white, rice shaped kernels. We furnish only northern grown seed of the earliest type. No other will mature in the Northwest. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 35c, postpaid. By express or freight, 10-lbs., $1.50.

Queen's Golden. Of a beautiful yellow color with smooth kernels, and pops perfectly. Not quite as early as the early strain of White Rice. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 35c, postpaid. By express or freight, 10-lbs., $1.50.

Golden Tom Thumb. This is the very earliest variety of Pop Corn grown, and so is exceptionally valuable in the Northwest. Not a heavy yielder and the ears are small, but the quality is excellent and it never fails. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 35c, postpaid. By express or freight, 5-lbs., $1.25.

Iriquois Pop Corn

Cucumbers



Early Fortune

One ounce of seed will plant fifty hills.

CULTURE—As soon as the weather becomes warm and settled in the spring, plant in well prepared soil in hills four or five feet apart each way with eight or ten seeds in a hill, cover one-half inch deep with soil well firmed to prevent too rapid evaporation. When plants are well developed weed out all but four or five of the strongest; thorough, but shallow cultivation is essential.

Early Fortune. (See Page 17.) Each year serves to demonstrate further the superiority of this superb variety. Extra early, of perfect quality for eating and shipping, uniform and well shaped for small pickles, with strong, healthy foliage and a vigorous growth which prove its strong resistance to all diseases. Does not wilt quickly, nor ripen up too fast, and is a tremendous yielder. In trials with all other American varieties it has stood out as supreme. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.30, postpaid.

Cool and Crisp

Cool and Crisp. This is an unsurpassed pickling variety. Of even size and shape, fine grained and excellent flavor; it is sought for its pickling qualities. In addition it is a wonderfully productive yielder. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.10.

Save This Catalogue for Cultural Directions.

West India Gherkin. An old and very popular pickling variety. Remarkable for its small, short fruits which are produced in wonderful abundance. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.40, postpaid.

Early Cluster. A pickling type often setting fruit in clusters of 2 or 3. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.10.

Improved Long Green

Chicago Pickling. The old reliable variety for making small pickles; very profitable variety for those who sell to canners as it is used almost exclusively by the largest factories. We are able to make the price very attractive. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1-lb., $1.10, postpaid.

Improved Long Green. This is an old favorite variety which is difficult to equal among the later sorts. It produces a smooth, slender fruit of great length, with firm white flesh, which is almost a standard of table quality. An excellent keeper and a heavy yielder. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.30, postpaid.

Japanese Climbing. This variety is valuable either for pickling or market, but of most value as a producer of unusually long and well formed fruits. Especially adapted to training on a trellis, owing to its strong vines and tendrils. This method of growing increases the earliness and insures straighter and better shaped fruits. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.10, postpaid.

White Wonder. A splendid white variety. One of the handsomest cucumbers. The cucumbers are ivory white in color, of good keeping quality and average about eight inches in length and two and one-half inches through. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1-lb., $1.20, postpaid.

Earliest of All

Davis Perfect. A grand new variety. Dark, glossy, green, slim and symmetrical, with an average length of 10 to 12 inches. They hold color till nearly ripe, when they turn white without a yellow streak on them. Quality fine, as seeds are very soft when fit for table use. Very tender, brittle and of exceptional flavor. Early as earliest strain of White Spine and outyields all others. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1-lb., $1.25, postpaid.

Arlington White Spine. One of the earliest and most productive of the famous white spine group. Fruit about seven inches long, rounded at both ends, and of bright deep green color. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1-lb., $1.20, postpaid.

Arlington White Spine

Earliest of All. This is by all odds the very earliest cucumber of quality in cultivation, and has only been introduced for the past two years. At least a week earlier than the Early Fortune, though not as fine a fruit or good a keeper. Especially valuable to those who desire to be first on the market. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 70c; 1-lb., $1.35.

Last year I ordered a small order of seed from your house and a like order from each of four other large, well-known seed houses with a view of ascertaining which seed would give the best results under similar conditions. It gives me great pleasure to inform you that your seed so far surpassed all other seed which I planted that there is absolutely no comparison. Last year your Mandan Indian corn and Mandan squash gave wonderful yields, and I can not recommend it too highly for this part of the country or any other part where the growing season is short.—A. C. McNULTY, County Auditor, Republic, Wash.

Extra Early Dwarf

Egg Plant

CULTURE—Sow the seed (which is slow to germinate) in hot bed or in pots or boxes in the house early in the spring. When all danger of frost is past, transplant in the open ground 2½ to 3 feet apart each way.

Egg plant is one of the most delicious vegetables and, contrary to the general opinion, is very easy to raise. The early varieties only should be planted in the Northwest, but if they are used an abundance of ripe fruit is sure if the plants are started in good season.

Extra Early Dwarf. This is the very earliest egg plant grown, ripening nearly two weeks before any of the late sorts. The fruit is perhaps even more delicious than the larger sorts, and it is altogether an exceedingly satisfactory sort for our section. Pkt., 5c; oz., 40c; ¼-lb., $1.50, postpaid.

Black Beauty. This is the very earliest of the large type egg plant, and is an excellent variety as well for several other reasons. The fruit is a very uniform dark purple, the size is large and uniform, and the color and texture holds for an unusually long time. Pkt., 5c; oz., 50c; ¼-lb., $1.60, postpaid. **For Egg Plant Plants, See Page 81.**

Lettuce

CULTURE—For very early use the seed may be sown in hot-bed, and, as soon as the weather permits, may be sown in the open ground, in rows 18 inches apart and not over one-half inch deep. If planted too deep the seed will not germinate. Sow every two or three weeks for a succession. One ounce for 200 feet of drill.

Curled or Loose Head Varieties

Detroit Market Gardener. This variety is well adapted for outdoor growing or for forcing in the greenhouse and hotbed. Its best quality is perhaps its ability to stand high temperatures, which makes it an ideal variety for second sowings in the home garden. The plant is compact, light green in color, with crisp, tender leaves. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1-lb., $1.25, postpaid.

Prizehead. This old favorite is undoubtedly the most easily grown variety in cultivation and excellent for the home garden. It is early, compact in growth, and stands heat. The leaves are much crumpled and frilled, bright green tinged with brownish red, very crisp and tender. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.00, postpaid.

Detroit Market Gardener

Curled Simpson

Early Curled Simpson. An old favorite and justly popular. Perhaps our best leaf lettuce for outdoor planting. Very early, yet it keeps in prime condition and does not run to seed quickly as do many early sorts. Leaves broad, much crinkled and very tender. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.00, postpaid.

Paris White Cos—Celery Lettuce. Loose, conical yellowish green heads of excellent quality. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1-lb., $1.00, postpaid.

Tomhannock. An early erect variety. The leaves are very large, much blistered and crumpled, deep bright brown shading to a light green inside, crisp and fine flavored. Pkt., 5c; oz., 10c; ¼-lb 30c; ½-lb., 55c; 1-lb., $1.00, postpaid.

We used your seeds last year which was our first year in this country. We are enclosing another large order, as we think your seeds the best for this climate. Had a good garden last year considering the drought.—CLARENCE A. BRECHBIEL, Seips, Mont.

Heading Varieties

May King. This new sort meets the long felt need of a very early head lettuce; forming very compact, medium sized heads. The color is a light yellowish green, tinged with brown when mature. The inner leaves blanch a beautiful creamy yellow. The flavor is delicious and it is ready for use before any other variety of head lettuce. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1-lb., $1.00, postpaid.

Crisp-As-Ice—Hartford Bronze Head. The compact leaves are of medium size and slightly elongated, of excellent quality. The leaves are broad, crumpled, thick and stiff, and in color a dark green overlaid with bronze. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1-lb., $1.00, postpaid.

Brown Dutch. A very hardy medium sized variety. The outer leaves are broad and thick, and tinged with bronze red. The firm head blanches a buttery yellow within, sweet and tender. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.00, postpaid.

May King Lettuce

Hardhead. An excellent lettuce with medium sized heads of bright green color, one of the surest heading varieties under all conditions. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., $1.00, postpaid.

Hanson. We recommend this reliable, sure heading, drought resistant variety. The heads are large, globular and solid. The outer leaves are a clear light green, blistered and crumpled. The inner leaves are white, sweet, crisp, and tender. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.00.

Early Tennisball

Early Black Seeded Tennisball. Perhaps the most popular of all head lettuce and the surest cropper out of doors under adverse conditions. Plants are large, with thick, dark green leaves. heads are solid and compact with a white heart, flavor crisp, and delicious. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1-lb., 90c, postpaid.

White Summer Cabbage. A light green, vigorous, sure heading sort of large size and excellent quality. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 90c, postpaid.

Big Boston. One of the most popular and widely grown varieties. The plants are large, hardy, and vigorous. The outer leaves are broad, relatively smooth, and crisp; in color a light green tinged with brown. The heart blanches a greenish white tinged with yellow. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.00, postpaid.

Iceberg. A large, crisp, cabbage-heading variety of good quality. The heads are firm and well blanched. The outer leaves are crumpled and blistered; in color a medium green with a faint brown tinge on the border. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1-lb., $1.00, postpaid.

We have used your seed in Dakota for the past eight years and have found them better than any other seed we have used, so shall try your seed here in Wisconsin.—MRS. M. C. HAZEL, Hawkins, Wis.

I have gardened for twelve years with different seeds, but I found I had the best garden with Oscar H. Will's.—ALBERT M. HUFFMAN, Kelden, Mich.

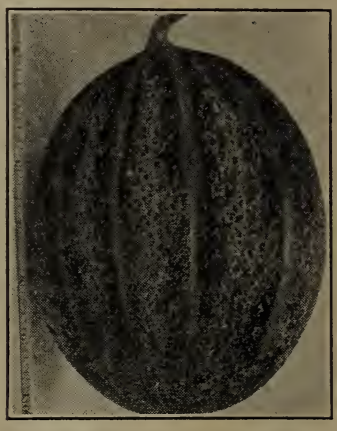
Muskmelon

One ounce of seed for fifty hills; 2 or 3 pounds per acre.

CULTURE—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly the whole season, but not to exceed two inches deep, keeping the surface as smooth as possible.

Extra Early Knight

The Early Knight—Is the earliest muskmelon of quality we have ever had on trial. It is medium in size, oblong in shape, distinctly ribbed and well netted. The green flesh is thick, but crisp and firm; exceptionally sweet, of spicy flavor and rich aroma. It is a very productive sort and we are glad to offer it to our customers. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.40, postpaid.



Extra Early Osage

Extra Early Osage. Is one of the earliest and best melons grown. The oval fruit is dark green, slightly ribbed and grey netted. The flesh is a rich, orange-salmon, very thick, with small seed cavity. This is a grand variety for our Northwestern conditions. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.40, postpaid.

Miller's Cream. This is the best flavored variety in cultivation. It is the favorite main crop sort for truck gardeners and home use. The vines are vigorous and productive. The fruits are medium sized, oval, dark green, slightly ribbed, and grey netted. The flesh is very thick, of rich orange-salmon color, with a very small seed cavity. The flavor is very sweet, delicious, and melting in quality. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 90c, postpaid.

Emerald Gem. An extremely early sort; the fruit is a rich emerald green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, very sweet and luscious. The vines are hardy and very prolific. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 70c; 1-lb., $1.20, postpaid.

Paul Rose

Extra Early Hackensack. It is a large sized deep ribbed, round melon, with thick green flesh of delicious flavor. It is the best of the large varieties. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 90c, postpaid.

Gold Lined Rocky Ford. This strain is so far superior to the old Rocky Ford that we have stopped growing the latter variety. The thick, delicious flesh is a rich deep green, showing a faint lining of gold at the center. It is of the highest quality, an excellent shipping sort, and largely grown by market gardeners. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1-lb., $1.00, postpaid.

Paul Rose or Petoskey. An oblong, deep green, extra good keeper and shipping salmon-fleshed melon. The fruit is oval and about five inches in diameter. The flesh is thick, firm and highly flavored. It represents the highest combination of flavor and keeping qualities. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 90c, postpaid.

Only our early, hardy melons are worth planting in the Northwest.

Page's Early

Page's Early. Each year we become more firmly convinced of the value of this muskmelon to the Northwest. It is without question the very earliest variety grown, drouth resistant and a heavy yielder. By selection from the somewhat varied types present in the original stock we believe that we are improving the quality which at first was not of the best. We have a large stock of seed this year of our own raising from selected types. Pkt., 10c; oz., 20c; ¼-lb., 75c.

Vine Peach. (Vegetable Orange or Mango Melon.) This prolific fruit is the size of a medium orange and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a Peach. Pkt., 5c; oz., 25c; ¼-lb., 75c, postpaid.

Garden Lemon. The fruit is smaller than the Vine Peach, which it resembles in growth, but has a thinner flesh and more acid flavor. It is a novelty of value. Pkt., 5c; oz., 25c; ¼-lb., 50c, postpaid.

Selected Watermelons

One ounce of seed for 30 hills. 2 or 3 pounds per acre.

CULTURE—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground.

Will's Sugar. This pioneer variety, which we introduced some thirty years ago, still remains the favorite for the Northwest. It is the earliest melon grown, and combines with that very necessary quality hardiness and heavy production. In sweetness it is surpassed by no melon grown, and the bright red flesh and small black seeds make a very pleasing contrast. We have never been able to grow enough of the seed to supply all demands. Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., 1.25; 1-lb., $2.00.

Field View of Will's Sugar Watermelon

I have had good luck with your garden seeds. Will's Sugar watermelon I have raised from my own seed for the last three years. It is a good melon for this locality.—K. L. NYGAARD, Meckinock, N. D.

Phinney's Early. The very earliest large, oval melon. The melons are oblong in shape, while the rind is so mottled with various shades of green as to present an almost scaly appearance. It is a very early sort, hardy and bears abundantly. The flesh is pink and tender. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 90c, postpaid.

Light Icing

Light Icing or Ice Rind. The fruit is of medium size; the skin is a light, clear green. The flesh is a rich, bright red, sweet, brittle and melting in the mouth. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1-lb., 85c, postpaid.

Peerless or Ice Cream. Very early, a short oblong in shape. This is one of the best varieties for the North. The rind is thin, light green, mottled and veined with a darker shade. The flesh is bright scarlet and as sweet as honey. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1-lb., 85c, postpaid.

Cole's Early

Cole's Early. One of the earliest and best. It is very hardy, vigorous, and a sure cropper. The melons are of medium size, green with lighter stripes. The delicious quality of the bright red flesh is sustained clear to the thin rind. This is one of the best varieties ever offered. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 60c; 1-lb., $1.00, postpaid.

Mountain Sweet. A grand old variety. Medium in size; the melons are long and very dark green. The flesh is bright red, solid and very sweet. Once tried it needs no argument. Pkt., 5c; oz., 10c; ¼-lb., 25c; ½-lb., 45c; 1-lb., 85c, postpaid.

Kleckley Sweets—Monte Cristo. This melon is fairly large, oblong and tapering toward the stem end. The rind is a very dark green. The flesh is scarlet and ripens nearly to the rind. This is one of the best and sweetest watermelons in cultivation. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1-lb., $1.00, postpaid.

Colorado Preserving Melon. This is quite distinct from the old fashioned citron as it is larger and more productive. The flesh is firm and solid, with but few seeds and makes preserves of finest flavor. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1-lb., $1.00, postpaid.

Citron. A round, handsome fruit of small size, with white solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1-lb., $1.00, postpaid.

Colorado Preserving Melon

I might say I raised a car load of watermelons last year from your Cole's Early, the first was ripe on August eighth. I also find the Gehu corn a little earlier than anything I have tried, and a very good corn.—H. E. REYNOLDS, Bradley, Wis.

Onion Sets

Unless otherwise instructed we shall hold onion set orders till danger of freezing is past.

Bottom Onion Sets. These are the product of seed planted closely to prevent full development. They are used to produce "green onions" or large onions, which they do much quicker than can be produced from seed. Prices on pecks and larger lots subject to change.

Bottom Onion Sets

Yellow and Red Bottom Sets. Fine, well cured North Dakota grown sets. Pt., 20c; qt., 30c, postpaid. By express or freight, pk., $1.30; ½-bu., $2.25; bu., $4.00.

White Bottom Sets. Preferred by some because of the color. Pt., 25c; qt., 45c, postpaid. By express or freight, pk., $1.50; ½-bu., $2.75; bu., $5.00.

Spring Onions from Top Sets

Top or Winter Onion Sets. Perennial. Live in the ground all winter and start very early in the spring. Pt., 25c; qt., 40c, postpaid. By express or freight, pk., (7-lbs.), $1.50; bu., $5.00.

Multiplier Onion Sets. Also called Bunch Onions or Potato Onions. Excellent for early Spring Onions. Pt., 30c; qt., 50c, postpaid. By express or freight, pk., $1.75., bu., $6.00.

OKRA

Dwarf Green. A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. Pkt., 5c; oz., 10c; ¼-lb., 25c, postpaid.

PARSLEY

CULTURE—Soak the seeds a few hours in luke warm water and sow early in spring in drills one foot apart. Thin out the plants to about four inches. Cover the seed not more than one-half inch. Very slow to germinate, usually three weeks.

Moss Curled Parsley

Champion Moss Curled. Leaves beautifully curled and moss-like, of the richest green. Pkt., 5c; oz., 10c; ¼-lb., 20c; 1-lb., 75c, postpaid.

Turnip Rooted. The roots, instead of the tops, are used for soups and flavoring meats, gives richer flavor. If cut into small pieces, is a delicious vegetable. Pkt., 5c; oz., 15c, postpaid.

New XXX Parsley. The wonderful dark green color and the exquisite fern-like appearance are remarkable. The habit of the plant is dwarf and compact. The flavor is the very best. Pkt., 5c; oz., 10c; ¼-lb., 35c, postpaid.

I wish you might see my onion field grown from your seed. Of all my garden the plants from your seed are the best.—MRS. CLAUDE MOORE. Glyndon, Minn.

Will's Best American Grown Onion Seed

One ounce for 100 feet of drill, 4 to 5 pounds per acre.

CULTURE—Sow as early in the spring as ground can be worked, in drills 15 inches apart, covering one inch deep.

We wish to call especial attention to our onion seed. We are offering nothing but strictly fresh stock from the best and most careful growers. Our prices will compare favorable with those of any other house, and our varieties and stock are adapted to Northwest conditions.

Will's Dakota Globe

Will's Dakota Globe. We believe this to be the finest and best selected strain of Southport Yellow Globe, the most popular and most largely grown yellow onion. It is early, productive, uniform in its deep yellow color, true deep globe shape, with small neck, and an exceptionally good keeper. The flesh is white, crisp, and mild. An excellent onion to sow on breaking, and in every way adapted to our growing conditions in the Northwest. Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., $1.00; 1-lb., $1.95, postpaid. By express or freight, 5-lbs., $9.00.

Best Yellow Prizetaker. One of the largest onions grown and the mildest. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs often attaining a weight of 2 pounds. Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., $1.40; 1-lb., $2.40, postpaid. By express or freight 5-lbs., $11.00.

Ailsa Craig. This largest of the English sorts has gained in popularity every year since its introduction into this country. The type is globular, with fine thin neck, and deep straw-colored skin. The flesh is very white, always, tender, and very mild. This is one of the largest and best of Onions. Pkt., 5c; oz., 25c; ¼-lb., 90c; ½-lb., $1.75; 1-lb., $3.25, postpaid. By express or freight, 5-lbs., $14.00.

Australian Brown. This variety is extremely early and a wonderful keeper. There are no scullions and the bulbs form very early. This heavy yielder is of medium size with amber brown skin and solid white flesh. Onions of this sort have been kept a year in good condition. Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 95c; 1-lb., $1.80, postpaid. By express or freight, 5-lbs., $8.50.

Onions are the Money Making Crop. On Old or New Ground—Dry Year or Wet, They Always Produce and Always Sell.

Mrs. Henry Paulte gave me your address; her onions raised from your seed were so large and fine that I asked her in regard to them.—MRS. H. E. BALL, Encampment, Wyo.

Best Yellow Globe Danvers Onion. This is a standard variety for winter use in all markets. Its skin is a rich orange yellow color. The flesh is pure white, crisp and mild in flavor. It is always a heavy yielder and because of its small neck cures well and makes splendid storage stock. Our selection is most carefully made, and fully equal to the best market garden varieties. Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., $1.00; 1-lb., $1.95, postpaid. By express or freight, 5-lbs., $9.00.

Yellow Globe Danvers

Best Extra Early Red Bermuda. The onions grow to an immense size and are very broad and flat. The skin is very thin and pale red in color. The flesh is pinkish white, fine grained, crisp and very mild. It will grow an onion from 1 to 1½ pounds from seed and is very early and profitable. Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., $1.05; 1-lb., $2.00, postpaid. By express or freight, 5-lbs., $9.50.

Large Red Wethersfield. One of the oldest and best known strains, a sure and heavy yielder; it is one of the very best keepers. The type is large, rather flat, and of a deep purplish red. The flesh is pinkish white and strong flavored. It is the favorite for poor or dry soils. Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., $1.05; 1-lb., $2.00, postpaid. By express or freight, 5-lbs., $9.50.

Red Wethersfield

Best Southport Large Red Globe. The finest type and most popular of the red onions. Our thin neck strain ripens down to a thick, glossy purplish-red ball. It is a sure ripener, a good keeper, and very showy when cleaned for market. Pkt., 5c; oz., 20c; ¼-lb., 70c; ½-lb., $1.30; 1-lb., $2.50, postpaid. By express or freight, 5-lbs., $11.00.

Best Southport White Globe. This pure white, thin skinned globe onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained, and of mild flavor. Pkt., 5c; oz., 30c; ¼-lb., $1.10; ½-lb., $2.05; 1-lb., $4.00, postpaid.

White Portugal or Silverskin. A large, flat, hard and fine grained onion, the best for general use through spring, summer and autumn. It is very desirable for pickling when young, and much used as a bunching onion. The flavor is very mild and pleasant. Pkt., 5c; oz., 25c; ¼-lb., 90c; ½-lb., $1.75; 1-lb., $3.00, postpaid. By express or freight, 5-lbs., $12.50.

White Silverskin for Pickling

Best New Queen. This is a small, rapid growing white onion used extensively for pickling and the table. It is a remarkable keeper. Pkt., 5c; oz., 30c; ¼-lb., $1.15; ½-lb., $2.25; 1-lb., $4.00, postpaid.

Welsh Winter-Perennial. A very hardy variety used only for bunching or early green onions. Seed may be sown either in fall or spring. Perfectly hardy, it needs no mulch and furnishes the earliest green onions. Pkt., 5c; oz., 20c; ¼-lb., 75c.

Chives-Schnittlauch—Grass Onion. The perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. Pkt., 5c; oz., 50c.

I used your seeds last year in Montana and took first prize on Early Red Bermuda onions. Please send your new catalog.—FRED M. DAVIS, Clayton, Wash.

Pepper

CULTURE—Sow the seed (which is slow to germinate) in hotbed or boxes in the house. When large enough transplant into other boxes and pots, and, when all danger of frost is past, transplant in the open ground in rows 2½ feet apart, setting the plants about 18 inches apart in the row.

Neapolitan Pepper

Neapolitan. This is the earliest and most productive large variety. The fruit is four inches long and two inches thick, a bright red when ripe. It is one of the sweetest and mildest varieties and excellent for use when green. It starts bearing 2 weeks before any other variety and for that reason, if for no other, is exceedingly valuable for the Northwest. Pkt., 5c; oz., 35c, postpaid.

Ruby King

Ruby King. One of the most profitable and satisfactory varieties for the home and market garden. The fruits are large, from 4 to 6 inches long by 3 to 4 inches thick, and of a bright ruby-red color when ripe. The flesh is thick, sweet and mild. Pkt., 5c; oz., 40c.

Large Bell or Bull Nose. A standard early variety, and popular as a pickling sort. The scarlet fruits are three inches long and blunt ended. The flesh is thick and mild. Pkt., 5c; oz., 35c.

Chinese Giant. One of the largest of the mild red varieties, 4 to 5 inches in diameter and of equal length. When ripe the color is a brilliant scarlet. It is very early and prolific, tender, mild and sweet. Pkt., 10c; oz., 55c.

Improved Guernsey Parsnip

Red Cayenne. The pods are long and slender, and when ripe a bright red, extremely strong and pungent. Pkt., 5c; oz., 35c.

For Hardy Pepper Plants, See Page 81.

PARSNIP

One ounce for 200 feet of drill; 4 to 5 pounds per acre.

CULTURE—Sow as early in the spring as possible, in rows 18 inches apart and about 1 inch deep. The ground should be deeply plowed and well cultivated. Thin to two inches as soon as plants are large enough to handle.

Improved Guernsey. This is the thicker, heavier type of parsnip. Fine grained and sweet flesh, especially after the first frost. Pkt., 5c; oz., 10c; ¼-lb., 20c; ½-lb., 55c; 1-lb., 90c, postpaid.

Long, Smooth or Hollow Crown. A great cropper, tender, sugary and considered one of the best for general cultivation. Parsnips are improved by remaining exposed to frost. Pkt., 5c; oz., 10c; ¼-lb., 30c: ½-lb., 50c; 1-lb., 90c, postpaid.

I have grown your seeds in North Dakota, Washington and South Dakota and have always been satisfied.—TOM C. ROTTRUP, Stockholm, S. D.

Pumpkins for the Northwest

One ounce to 30 hills; three to four pounds per acre.

CULTURE—Plant in hills 6 to 8 feet apart, with 5 or 6 seeds in the hill, when the ground has become warm and weather favorable, giving same cultivation as to melons.

The pumpkin, like the other vine vegetables, is essentially a tropic climate plant, and the greatest care in selection and breeding has been necessary to adapt these plants to northern conditions. For the Northwest only a very select list of early and hardy sorts should be considered. We have found the following varieties the best.

Sweet Sugar

Sweet Sugar or New England Pie. This is the earliest and surest of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small round pumpkin, dark orange in color with thick, dry, fine grained flesh. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 95c, postpaid.

Quaker Pie. A medium size variety with creamy white skin and flesh. It is very hardy and productive. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.45, postpaid.

Ft. Berthold Pumpkin

Fort Berthold Pumpkin. With this new pumpkin we offer another Indian variety of the usual hardiness and earliness. Selection for some years with the squash seed obtained from the Mandan and Arikara Indians has enabled us to isolate a wonderful early small pumpkin of first quality. This may be either orange or cream in color, with the orange predominating. Our supply is limited. Pkt., 10c; oz., 25c, postpaid.

Golden Oblong. Very hardy and productive. The skin is a rich, golden orange, thin but tough. The flesh is a light golden yellow of fine quality. This is a fine keeper. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 95c, postpaid.

Sweet Potato. Of medium size and nearly bell-shaped; the flesh is a creamy white, fine grained, and rich—the very best pumpkin for cooking purposes. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 95c, postpaid.

Connecticut Field. Planted in corn for stock feeding and also used for pies. The flesh is a rich orange-yellow. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 95c, postpaid.

Golden Oblong

King of Mammoths. The giant among pumpkins. Specimens have grown to weigh 250 pounds and to reach two feet in diameter. The flesh and skin are a bright golden yellow, fine-grained and excellent for cooking, and pies. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.40, postpaid.

RHUBARB OR PIE PLANT SEED

Monarch. Ours is the most vigorous and productive variety known. The leaf stalks are very numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor, and excellent for preserving. Pkt., 5c; oz., 10c; ¼-lb., 35c; 1-lb., $1.00. For roots, see page 98.

We had fine sweet corn last year even with the drouth, from that Nuctta sweet corn; also succeeded in getting some matured beans from the Hidatsa bean. We are going to try the Indian pumpkin and squash this year. We also had ripe tomatoes from Millet's Dakota.—MRS. MATT THOMEY, Opheim, Mont.

Will's Choicest Garden Peas

Two pounds for 100 feet of drill; 2 to 3 bushels in drills per acre.

CULTURE—Sow early in the spring in rows 18 to 24 inches apart. The peas will give quicker returns if covered only one inch deep, and where earliness is the most important they may be treated in that way, but longer pods and more of them will be produced if the seed is planted in trenches three to six inches deep and covered with one or two inches of soil. When the plants are five or six inches high, fill the trench level with the surface Sow every two weeks for succession. They may be sown broadcast and plowed under.

First of All

Early Varieties, Not Dwarf

First of All. This is the earliest pea in cultivation. The seed is smooth and for that reason this variety may be sown two weeks earlier than any wrinkled sort as it will not rot in the ground. The vines grow to a height of 2½ feet. It is a very heavy and even cropper—can be cleaned at two pickings. This variety is a great favorite with gardeners for the early market. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 40c, postpaid. By express or freight, 5-lbs., $1.25; 10-lbs., $2.00.

Gradus or Prosperity. This is one of the earliest of the large podded varieties. The vines reach a height of 3 feet, produce most abundantly, and bear throughout the season. The pods are nearly as large as those of the Telephone, and the tender Peas are of a most delicious flavor. It is the market gardener's favorite. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 40c, postpaid. By express or freight, 5-lbs., $1.50; 10-lbs., $2.50.

Large Podded Early Dwarf or Bush Varieties

Nott's Excelsior. This is a grand old early dwarf variety. The vines are 15 inches in height and the yield of both pods and peas is greater than that of the other dwarf varieties. The pods average about four inches long, light green in color, and always well filled. It is a fine sort for the market garden. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 40c, postpaid. By express or freight, 5-lbs., $1.25; 10-lbs., $2.25.

Pioneer Pea

Nott's Excelsior

Pioneer. An improved type of Laxtonian; this fine early dwarf variety bears an immense crop of very large pods containing eight to nine rich green peas. This is one of the best sorts for the home or market garden. Pkt., 5c; ¼-lb., 20c; ½-lb., 30c; 1-lb., 45c; postpaid. By express or freight, 5-lbs., $1.50; 10-lbs., $2.75.

My father bought seeds from you for years and I must say your seeds did fine in spite of dry weather last year.—MRS. R. E. McCORMICK, Culbertson, Mont.

Peter Pan. The best of the large podded dwarf extra early Peas. The vines are from 15 to 18 inches high and are wonderfully productive of large pods from 4 to 4½ inches long which contain from 9 to 10 bluish-green peas of the highest quality. It is one of the best new sorts. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 40c. By express or freight, 5-lbs., $1.50; 10-lbs., $2.75.

Peter Pan Peas

McLean's Little Gem. An early dwarf pea of delicious flavor, excellent for family use. The vines are about 18 inches in height and produce an abundance of pods from 2½ to 3 inches long. The peas are borne at the top of the stalk and are easily gathered. They are delicious and are sweeter than others of the dwarf varieties. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 40c. By express or freight, 5-lbs., $1.25; 10-lbs., $2.25.

Little Marvel. An extra fine dwarf variety. The vines are strong, from 15 to 18 inches in height, heavily set with dark green pods, usually produced in pairs. The pods are filled with from seven to eight peas of extra fine flavor. When size, color of pods, and quantity and quality of peas are considered, this is an extremely valuable variety. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 40c. By express or freight, 5-lbs., $1.50; 10-lbs., $2.75.

Main Crop Varieties

Incomparable. This is in our experience just about the most perfect main crop variety that we can offer. Of exceptionally good quality, a heavy yielder and remains long in bearing if kept picked. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 40c, postpaid. By express or freight, 5-lbs., $1.40; 10-lbs., $2.50.

Incomparable

Prince of Wales. This may properly be called the main crop pea. The vine averages two feet in height. Our strain will produce more pods from a given number of seeds than any other sort, and will give a greater number of peas to the same number of pods. The peas are large and fine flavored. Try them. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 40c, postpaid. By express or freight, 5-lbs., $1.25; 10-lbs., $2.25.

Champion of England. Although the whole race of wrinkled peas has come from this old variety, no selection has surpassed it in quality or sweetness. The vines grow about five feet high and yield very large pods of most delicious flavor. Our strain has been carefully selected and will be found superior. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 40c, postpaid. By express or freight, 5-lbs., $1.25; 10-lbs., $2.25.

Bliss' Everbearing. If the pods are picked as they mature, the vines will continue to branch and bear, giving the variety its name. It grows to a height of 2½ feet and as many as 100 pods have been counted on a single vine. The peas are large and sweet and packed tightly in the pods. Pkt., 5c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 35c; postpaid. By express or freight, 5-lbs., $1.25; 10-lbs., $2.25.

Woodruff's Wonder. This new introduction is one of the very finest of the later, main crop sorts we have seen. The pods are simply enormous, dark green in color, very blunt and broad; the vine reaches about four feet. This is an enormous yielder of very large and beautiful pods which always contain nine or ten large peas. Pkt., 5c; ¼-lb., 20c; ½-lb., 30c; 1-lb., 50c, postpaid. By express or freight, 5-lbs., $1.75.

Will's Northern Grown Radish Seed

For early use the seed may be sown in hotbed. For open ground culture, sow in the spring as soon as the ground can be worked, in drills 10 to 12 inches apart. Sow every two weeks for a succession.

Will's Early Carmine

Will's Early Carmine. Our old reliable extra early sort which has so long been the favorite throughout the Northwest. A bright carmine in color, almost round in shape, very early, mild and lasts well for an early sort, crisp and tender. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.25, postpaid.

Saxa. The earliest of all radishes and one of the slowest to shoot to seed; round, bright scarlet, and with the smallest possible top. The demand for this variety has increased annually since we first listed it in 1918. Pkt., 5c; oz., 20c; ¼-lb., 75c; ½-lb., $1.40; 1-lb., $2.75.

Fireball. One of the newest introductions among the early round, red radishes. It is of round or turnip shape, of bright scarlet color and pure white flesh, which is tender, crisp and of the very best flavor. It has few and short leaves, which admits of very close growing. Very desirable for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.25, postpaid.

Fireball

Mixed Radish Seed. This is a mixture of a number of sorts which we are offering at a very attractive price. This is a very satisfactory way to plant radishes, as the early ones when taken out thin the rows for the later sorts. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1-lb., $1.00, postpaid.

Model Box. White radishes are invariably better keepers and last longer in the field than other sorts. Model Box is a white, turnip-shaped radish, the very earliest white variety and is ready for use in 30 days. Pure white, crisp and mild. Pkt., 5c; oz., 15c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.00, postpaid.

French Breakfast. A half long, very crisp radish. The color is a bright rose scarlet, with blunt white tip. It is very early, a great favorite on the market and unexcelled for the home garden. Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.25, postpaid.

Model Box

French Breakfast

I had such splendid success with your seeds in Montana that I am going to use them in Wisconsin too, with hopes of equally good success.—MRS. L. G. MONTHEY, Kalish, Wis.

Sparkler—Improved Scarlet Turnip, White Tipped. This extra early strain is perhaps the most attractive radish we have. The color is a rich carmine scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1-lb., $1.35, postpaid.

Sparkler

Long Scarlet Short Top

Early Scarlet Globe. An especially valuable variety for hotbed or greenhouse forcing. The roots are globe-shaped with very small top, a bright scarlet in color, crisp and tender. It stands heat without becoming pithy and is an excellent variety for first early planting outdoors. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.00, postpaid.

Icicle. The finest of the early, pure white varieties. Their long slender form and pure white skin make them very attractive. They are unusually crisp and tender and preserve these qualities much longer than the red sorts. One of the most desirable sorts for outdoor summer planting. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.25, postpaid.

Will's All the Time. This is a half long, white radish that combines the quality of reasonable earliness with unsurpassed lasting qualities. It is not a winter radish, but under favorable conditions it remains good throughout the summer, attaining a very large size without losing its crispness. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.25, postpaid.

Long Scarlet Short Top. The old reliable long red variety. The tops are short, the roots smooth, slender and uniform. The color is attractive and they are in great demand for the market. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.25, postpaid.

Chartier, or Shepherd. An old favorite and a very handsome sort. The roots are a deep scarlet at the top, shading off to a pure white at the tip. They are fit for use when very small and, as they mature later than most of the red sorts are fit for use for a very long time. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.00, postpaid.

White Strasburg. One of the best large, white later summer sorts for home garden and market. The roots are about 5 inches long thick at the shoulder, and abruptly tapering. They are firm and crisp and remain so longer than most sorts. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.00, postpaid.

Glass or Cincinnati Market. A long, slender, bright red radish with white tip. The flesh is white, almost transparent, brittle and crisp, and remains fit for use through a long period. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.00, postpaid.

Black Spanish

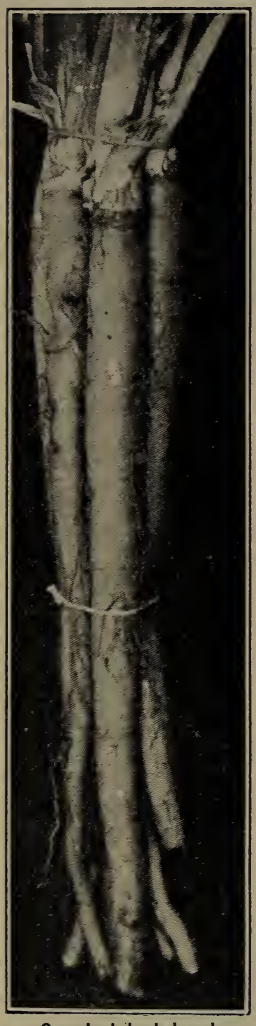
Black Spanish Winter. One of the latest as well as the hardiest of radishes, and is considered an excellent sort for winter use. Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1-lb., $1.50, postpaid.

China Rose Winter. The best winter radish in cultivation. Pkt., 5c; oz., 15c; ¼-lb., 45c; ½-lb., 80c; 1-lb., $1.50, postpaid.

Salsify or Oyster Plant

Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to one hundred feet.

Mammoth Sandwich Island. This is an improved type of salsify. The roots are double the size of the old variety and of equally good quality and delicate flavor. It is a favorite in the market. Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., $1.05; 1-lb., $2.00, postpaid.



Sandwich Island Salsify

Long Smooth White—The original Oyster Plant, is still the most commonly cultivated, and many claim that it has a stronger and richer oyster flavor than the Sandwich Island variety. We have a carefully selected strain. Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., $1.05; 1-lb., $2.00, postpaid.

Spinach

One ounce for 100 feet of drill.

Bloomsdale Spinach

Sow in early spring, in drills 12 to 15 inches apart, covering not more than one inch deep. Sow two weeks apart for succession.

Bloomsdale or Savoy Leaved. (Norfolk Savoy). This is the earliest and hardiest variety. The plant is of upright growth and the broad, pointed, crinkled leaves are very thick and a glossy green. This sort yields a heavy crop and keeps well after cutting. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.00, postpaid.

Long Standing. A late maturing sort which is not inclined to run to seed. The plant is very large with broad, arrow-shaped, nearly smooth leaves. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 60c; 1-lb., $1.00, postpaid.

New Zealand. Unlike most spinach it thrives during hot weather and in any soil rich or poor. As the leaves are picked off, the stalk will produce new shoots and yield a continuous supply of greens. We consider this sort the best for the Northwest. Plant 3 or four seeds in a hill: hills 2 feet apart each way. Germination may be hastened by soaking seed in warm water for 24 hours. Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., $1.05; 1-lb., $2.00, postpaid.

New Zealand Spinach

TOBACCO

Comstock Spanish. After several years' trial we have given up the Orinoco and the Havana in favor of this grand Wisconsin variety. The plant is very hardy and the leaf large and perfect. The earliest tobacco of quality. Can be easily raised in the Northwest if started inside about the same time as tomatoes. Pkt., 10c; oz., 35c, postpaid.

I have not used any other seed company for a number of years, and think very highly of your seed.—G. A. HUMBLE, Victor, Idaho.

Squashes

Early and Hardy Varieties for the Northwest.

The squash is one of our surest crops if the proper varieties are used, and one of the most delightful of home produced vegetables; valuable nearly the whole year, as the summer varieties are ready August first and the winter sorts can be easily kept till late in the spring. Delicious boiled, fried or baked, and easily dried.

CULTURE—One ounce to 25 hills, summer, and one ounce to ten hills, winter. Plant the hills in the same manner and the same time as melons and cucumbers, the bush varieties three to four feet apart and the running kind seven to eight feet apart.

Summer Varieties

White Bush Scalloped

Mammoth White Bush Squash. A very early summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.35, postpaid.

Improved Summer Crookneck. A new variety as early as the common Crookneck and much larger, sometimes attaining a length of two feet. It is heavily warted and of bright golden color. The plants are bushy and very prolific. The squashes are brittle and tender, and command the highest price on the market. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.45, postpaid.

Golden Custard. Mammoth Yellow Bush. This variety is very early and prolific, and the fruits are frequently from 12 to 14 inches in diameter. The skin is a rich golden-orange, and the flesh is a creamy-yellow. It is a selection of real merit. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.45, postpaid.

Fordhook Squash

Winter and General Purpose Varieties

Fordhook. A desirable variety for both summer and winter use. The type is small and oblong, averaging nine inches in length, slightly ridged. The skin is smooth, thin and yellow. The seed cavity is very small and the unusually thick straw colored flesh is extremely dry and sweet. The squashes will keep to June in a dry room, yet in a green state they rival the best summer varieties. Our strain is early, hardy and reliable. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.45, postpaid.

Rocky Mountain

Rocky Mountain. One of the best winter squashes in cultivation. The shell is very hard when fully matured and ranges in color from pale to nearly sky blue. The thick orange flesh is solid, dry and peculiarly rich in flavor. Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 90c; 1-lb., $1.75, postpaid.

Winnebago. We are this year introducing a new variety which we are satisfied is the very finest baking and general cooking squash in existence. It is one more addition to our list of items obtained direct from the Indians. The seed comes from the Winnebagos of Nebraska who presented it to Dr. M. R. Gilmore of the N. D. State Historical Society. It is an elongated, black squash with bright orange flesh, very dry and sweet. Pkt., 10c; oz., 40c, postpaid.

EARLY MANDAN SQUASH. The Very Earliest Squash in the World. This wonderful little squash, obtained by us from the Mandan Indians, has proved to be the most valuable vine crop yet introduced by us. It will ripen almost anywhere, notably in the Montana mountains where squashes had never before been grown. It is hardy and drouth resistant, and withal of good quality. Delicious if used green like a summer squash and equally good if fried or boiled. An excellent keeper. The Indians dry large quantities every fall. Pkt., 10c; oz., 30c, postpaid.

Early Mandan Squash

Arikara Winter Squash. We are this year introducing another very fine squash, obtained from the Arikara Indians of this state by Dr. Melvin R. Gilmore of the North Dakota State Historical Society, from whom we obtained the seed. This is the only squash of the maxima or Hubbard type grown by the Ft. Berthold Indians so far as we have yet discovered, and consequently has been kept pure. It is the very earliest large winter squash in existence, a heavy yielder even under adverse conditions and of excellent quality. Color a pinkish shade, varied with blue-green, flesh orange, tinged with green, and of firm texture. A wonderful baking sort and an unusually good keeper. Pkt., 10c; oz., 30c; ¼-lb., $1.00, postpaid.

Arikara Winter Squash

Mammoth Chili. Squashes of this great variety commonly weigh 75 pounds, and have been grown as large as upwards of 150 pounds. The skin is a rich orange-yellow. The yellow flesh is very thick and highly nutritious. It is of the highest value as a stock food. An acre will yield from 8 to 15 tons, thus furnishing a cheap and nutritious feed. It is grown for exhibition purposes and carries off many prizes. Pkt., 5c; oz., 15c; ¼-lb., 55c; ½-lb., $1.00; 1-lb., $1.70, postpaid.

Improved Hubbard

Improved Hubbard. The standard winter squash more extensively grown for the market than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze-green; flesh bright yellow, fine-grained, dry and sweet. Its quality is the standard of excellence. Our seed is a superior strain as the result of careful selection over a long period of years. Pkt., 5c; oz., 15c; ¼-lb., 50c; ½-lb., 90c; 1-lb., $1.75, postpaid.

Red or Golden Hubbard. This is a sport from the true Hubbard, and quite like its parent in form and habit, but decidedly earlier. The shell is moderately warted, hard, strong and a bright orange red in color. The flesh is deep orange, dry and of splendid quality. This is a superior table variety and an excellent keeper. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.40, postpaid.

My children, aged four and six, had each a Millet's Dakota tomato plant to care for. They got sixty-four pounds of saleable tomatoes from the two plants. It is certainly adapted to the climate of the Big Horn Mountains.—BERT H. AINSWORTH, Big Trails, Wyo.

Will's Best Tomatoes

CULTURE—Sow in hotbed or shallow boxes in the house in early spring; when plants are large enough, transplant in hotbed or boxes and when all danger from frost is past, transplant in open ground about four feet apart each way.

Early and Hardy Varieties for Northern Gardens

Millet's Dakota. See Page 17. This fine, extra early sort was originated several years ago by Mr. John W. Millet of our city. It is a seedling selection, improved since by further steady selection. In earliness it is about the same as the very earliest strains of selected Earliana. In hardiness and drouth resistance, it is much superior. The fruit is of medium size, smooth, uniform shape and colored a rich deep scarlet. The flesh is thick and delicious, entirely free from any acid flavor. The vines are not rank, but bear the heaviest of any of the extra early sorts. Do not let the fact of earliness get away from you; in the Northwest it is all important and in no better way can you insure ripe tomatoes than by planting Millet's Dakota. Pkt., 10c; oz., 45c; ¼-lb., $1.50, postpaid.

Millet's Dakota

Earliana (Selected Early Strain). One of the earliest and best of the early varieties. It is very productive for an early sort. The fruit is fair sized, round, very smooth and solid, and produced in clusters in the center of the plant. The color is a bright scarlet. It is the old standard sort and still a favorite. Pkt., 5c; oz., 30c; ¼-lb., $1.00, postpaid.

Selected Earliana

Bonny Best. Very nearly as early as the Dakota and Earliana, the bright deep scarlet fruits ripen more evenly than do those of any other early scarlet variety, and are of superior solidity and interior color. A good yielder and most attractive in shape and color. Pkt., 5c; oz., 30c; ¼-lb., $1.00, postpaid.

Chalk's Early Jewel. Perhaps the best second early scarlet fruited variety for the Northwest. Extensively used for canning and on account of its large size, excellent quality and productiveness a most satisfactory sort for the home garden. Pkt., 5c; oz., 25c; ¼-lb., 85c, postpaid.

Acme. An old favorite, hardy, early and productive; fruit of good size, round and smooth; color purplish pink. Pkt., 5c; oz., 25c; ¼-lb., 80c, postpaid.

Yellow Plum. A beautiful sort, much resembling a plum in size and shape, widely used for preserving. Pkt., 5c; oz., 40c, postpaid.

Yellow Plum

Stone. This is the standard main crop sort for truckers and canners. Plants very vigorous and productive, fruit round, smooth, solid and deep red. Pkt., 5c; oz., 20c; ¼-lb., 75c, postpaid.

Pink Peach. This excellent sort resembles a peach in size and shape. The surface of the fruit is covered with a down much like its namesake. It makes delicious preserves and pickles. Size about same as most early sorts, and excellent to eat fresh. Pkt., 5c; oz., 40c, postpaid.

Golden Queen. "Queen of all the Yellows." It is very prolific, ripens early, and is solid, always smooth, entirely free from ridges, large in size and delicious in flavor. It is fine for slicing. Pkt., 5c; oz., 35c, postpaid.

Red Cherry. The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. Pkt., 5c; oz., 40c, postpaid.

TOMATOES—(Continued)

Strawberry, Ground Cherry, or Husk Tomato. This variety is unequalled for canning, preserving or making pies. Dried in sugar as raisins or figs they are unexcelled. The vines cover the ground and yield enormously. The fruits are half an inch in diameter and enclosed in a husk. Pkt., 5c; oz., 35c, postpaid.

Strawberry or Ground Cherry

Yellow Pear. This variety is used entirely for pickling and preserves. It is delicate in flesh and flavor. Pkt., 5c; oz., 40c, postpaid.

Valuable Standard Varieties

All of the selected sorts, listed below are priced as follows: Pkt., 5c; oz., 20c; ¼-lb., 75c, postpaid.

Burpee's Dwarf Giant. The largest fruited of all dwarf tomatoes. Produced in clusters of four to six, they weigh from ten to twenty ounces each. The color is a rich purple crimson throughout. It is one of the most meaty of tomatoes and the firm flesh extends to the center, for there is practically no core and very few seeds.

John Baer. An early producer and very popular variety.

New Coreless. The most perfect shaped canning variety. Fine for slicing.

For Tomato Plants See Page 81.

Will's Best Turnips and Rutabagas

White Flat Dutch

Turnips.—Culture—Sow seed early in the spring for the summer crop and about the middle of July for late crop. May be sown in drills or broadcast. 1 ounce will sow 150 feet of row; 1 to 2 pounds to the acre.

Rutabagas.—Sow latter part of June or first of July. If drilled in, rows should be about 20 inches apart and frequent cultivation will increase the yield. One ounce to 250 feet of drill; 1½ pounds per acre if drilled, and 2½ pounds if broadcast.

TURNIPS

Early White Flat Dutch. A very early flat turnip of medium size and clear white skin. The flesh is very white, fine grained and sweet. One of the most popular sorts for home or market. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1-lb., 90c, postpaid.

White Egg. A very early snow white variety. The oval roots are of medium size and remarkably smooth. The flesh is firm and fine-grained and particularly desirable for table use. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1-lb., $1.20, postpaid.

Purple Top White Globe. A globe shaped sort with bright purple top which has been highly developed for quality by careful breeding. A most excellent table sort. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1-lb., $1.10, postpaid.

Yellow Aberdeen. A globe-shaped, medium sized, yellow sort. The yellow flesh is nutritious; tender and sweet. This variety is noted for its keeping qualities. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 55c; 1-lb., $1.00, postpaid.

White Model. One of the finest all white sorts. Smooth, medium sized and globe shaped with a small top and single tap root. The white flesh is solid and sweet, and cooks as easily as a potato. A fine keeper. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.50, postpaid.

Purple Top Strap-leaf. The most widely cultivated and best known variety. The roots are flat, medium sized, purple above ground and white below. The flesh is white, fine grained and tender. It is a quick grower and very productive. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 65c; 1-lb., $1.25. postpaid.

White Model

Purple Top Milan

Extra Early Purple Top Milan. Extremely early and of splendid quality. Bulbs medium size, flat and white with a bright purple top. Used extensively for early planting. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.50, postpaid.

Rutabagas

Will's Improved American Purple Top Yellow. The roots are large, globular in form, with small neck, and very small tap root. The color is a bright yellow with a purple top. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy and especially adapted for broadcasting on new breaking. Without cultivation or care when sown in this way, the common yields reported have been from seven to ten tons per acre. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 80c, postpaid. By express or freight, 5-lbs., $3.00.

Pajbjerg Bangholm. We first introduced this wonderful variety from Denmark some seven years ago. Our strain has the Danish government's certificate of "First Class Stock." It is somewhat inclined to the Purple Top strain and is exceedingly solid and crisp. It is the sweetest rutabaga in cultivation, a very heavy yielder and a splendid keeper. Pkt., 5c; oz., 10c; ¼-lb., 35c; ½-lb., 55c; 1-lb., 90c, postpaid. By express or freight, 5-lbs., $3.30.

White Sweet Russian. The sweetest and best of the white Rutabagas. The roots are globe-shaped and white with a bronze top. The flesh is white, firm and keeps remarkably well. Pkt., 5c; oz., 10c; ¼-lb., 30c; ½-lb., 50c; 1-lb., 80c, postpaid. By express or freight, 5-lbs., $3.00.

Pajbjerg Bangholm

Herbs

Anise. Used in garnishing and flavoring. The seeds are aromatic. Pkt., 5c; oz., 25c.
Balm. The fragrant leaves are used in making balm tea. Pkt., 5c; oz., 25c.
Basil. (Sweet). Leaves used for flavoring soups and stews. Pkt., 5c; oz., 25c.
Catnip. Leaves used for seasoning. Plant this and make your cat happy. Pkt., 5c.
Caraway. Grown for seeds which are used in flavoring. Pkt., 5c; oz., 15c.
Coriander. The seeds are used in making candy. Pkt., 5c.
Dill. The seeds are used for pickling cucumbers. Pkt., 5c; oz., 10c.
Fennel. The leaves boiled are used in sauces. Pkt., 5c.
Horehound. Used for seasoning and as a cough remedy. Pkt., 5c.
Hyssop. Very aromatic plant with blue flowers. Used in soup. Pkt., 5c.
Lavender. Its flowers are used in perfumery. Pkt., 5c.
Mustard. (Large White Seeded). Seed used in flavoring pickles. Pkt., 5c; oz., 10c.
Rosemary. Aromatic leaves used for seasoning. Pkt., 5c.
Sweet Marjoram. Leaves and ends of shoots used for seasoning, both green and dried. Pkt., 5c; oz., 50c.
Saffron. Used in coloring certain dishes and also for flavoring. Pkt., 5c.
Sage. The most extensively used herb for seasoning and stuffing. Pkt., 5c; oz., 40c.
Summer Savory. Leaves and flowers used to flavor soups and dressings. Pkt., 5c; oz., 25c.
Thyme. A tea made of leaves is a remedy for headache. Pkt., 5c; oz., 50c.
Wormwood. Beneficial for poultry; should be planted in poultry yards. Pkt., 5c.

We find that Will's seeds grow better in this locality than any others we have tried. Would plant no other kind here.—MRS. G. R. BACH, Medicine Lake, Mont.

North Dakota Grown Seed Potatoes

All Potato Prices Subject to Market Changes. Write for Prices on Large Lots.

We Do Not Ship Potatoes Until Danger of Frost Is Over.

North Dakota grown seed potatoes are known nationally as the best produced, and it has been found this year that those grown in our Missouri Slope part of the state are cleaner and more free from disease than any other. We have therefore grown a large acreage of fancy seed potatoes in this section from especially selected seed. All orders will be filled from this stock until it is exhausted.

For the Northwest early potatoes are the best crop year in and year out, and we therefore carry nothing later than the main crop White Swan variety. Our experience with the Burbank has been that it is too late for many of our seasons.

N. D. Selected Early Idaho Seed Potatoes

The Earliest Potato Grown.

Will's Early Idaho Potato

This is the very earliest potato that we have ever seen. The first seed was obtained from Moscow, Idaho, several years ago, which gave us the name. In appearance it resembles the Early Ohio, but is somewhat smaller and ten days earlier. The potatoes are formed in a compact bunch in the hill which permits of closer planting, a desirable feature for the small gardener. The tubers are of exceptionally good quality from the first. By express or freight, pk., 75c; ½-bu., $1.25; bu., $2.00.

N. D. Selected Extra Early Ohio Seed Potatoes

The Standard Seed Potato of the Nation.

OUR SEED IS GROWN FROM MINNESOTA CERTIFIED SEED

North Dakota Grown Early Ohios

The Early Ohio is the standard potato of the country. Early, a heavy yielder, uniform in size and probably unexcelled in eating qualities by any other variety; it is always the leader. Our stock is of the best selected strain, of good shape, smooth and clean. Our stock is grown in the Missouri Valley of North Dakota, the best seed raising section in the Northwest, and we believe it to be unsurpassed in qualities that go to constitute good potato seed. Pk., 75c; ½-bu., $1.25; bu., $2.00. By express or freight.

ORDER EARLY TO ASSURE BEST STOCKS

Specially Selected Irish Cobbler Seed Potatoes

Grown on Missouri River Bottom Land.

The Cobbler is undoubtedly the best early white potato grown. Skin is creamy white, flesh mealy and very good quality, maturity nearly the same as Early Ohio; tubers nearly round, smooth and uniform. By express or freight, pk., 75c; ½-bu., $1.25; bu., $2.00; 10 bus. or more at $1.90.

Irish Cobbler

POTATO EYES

(By mail or express.)

It has been fully proven by trial that potato eyes carefully cut, and with a small amount of flesh attached, will make nearly as good seed as the whole potato cut up. That is with the exception of withstanding dry weather at planting time.

For the customer living far from transportation facilities, the possibility of purchasing seed potatoes in neat and compact form by mail is indeed a boon. We do not mail till danger of freezing is over and the fact that the eyes go by mail renders delivery much more prompt than that of whole potatoes by freight.

Idaho Eyes. Postpaid per 100, 75c. By express, 1000, $6.00.
Early Ohio Eyes. Postpaid per 100, 50c. By express, 1000, $4.00.
White Swan Eyes. Postpaid per 100, 50c. By express, 1000, $4.00.
Irish Cobbler Eyes. Postpaid per 100, 50c. By express, 1000, $3.50.

Selected White Swan Seed Potatoes

The Best Main Crop Sort.
GROWN ON MISSOURI RIVER BOTTOM LAND

White Swan, Best Main Crop Sort for the Northwest

The White Swan is a locally selected and developed variety, similar to the Rural New Yorker, a medium late white potato, which has, to a marked extent, all of the good points of the later white sorts. It is of round, slightly flattened type, even in size and a very heavy yielder. The tubers have but very few and shallow eyes which adds to its smoothness and eating qualities, and the flavor is excellent. It is just late enough for our climate, being considerably earlier than the Burbank. By express or freight, pk., 75c; ½-bu., $1.25; bu., $2.00; 5-bus., $9.50.

I received my seeds and I am very much pleased with them.—ALFRED HILAND, Mose, N. D.

A Few Suggestions on the Growing of Flower Seeds and the Treatment of the Young Plant.

If plants are desired early the seed should be sown indoors in a shallow box or flower pot in light sandy loam. Best results may be had by mixing two parts black loam, one part sand, and one part decomposed stable manure. The soil should be well firmed in the box or pot and the seeds scattered over the smooth surface. Press the seeds into the soil and sprinkle with fine light soil to cover. Covering should never exceed twice the diameter of the seed. For the first few waterings cover surface with cotton cloth to prevent seeds washing out of place. Temperature should be as near 80 degrees as possible. Light, fresh air and sunshine are essential.

As soon as second leaves appear, plants should be transplanted to other boxes or open ground to permit hardy, stocky growth. Plants should be watered freely until firmly rooted.

In sowing seed in the open ground the same care should be taken, but the seed should be covered a little deeper. The earth should be made slightly firmer and never allowed to dry out or crust over until plants have appeared.

Asters

Purity. (White Daybreak). The flowers are ball-like in form and about 2½ inches in diameter. They come into bloom in August and are unexcelled for cutting. The color is the purest snowy white. Pkt., 10c.

Branching Aster

Branching. This late flowering American strain grows from 2 to 3 feet high and branches freely. The flowers are double and bountiful. Ours is a fine mixed strain. Pkt., 5c.

Daybreak. The head of a distinctly American group of Asters. The broad silvery petals are suffused with soft, delicate pink. The plant is a compact, strong grower, and flowers very early. The round, ball-like flowers make this unsurpassed for florist's use. Pkt., 10c.

Perfection Aster

Truffaut's Peony Flowered Perfection. Ours is a mixed strain of this grand old sort. The plants grow from 1½ to 2 feet high and bear very double, large and beautiful flowers. Pkt., 5c.

New Japanese. This is a new giant-flowered, mid-season Aster of real merit. The flowers are immense with long curling petals, closely resembling the Japanese Chrysanthemums. All colors mixed. Pkt., 5c.

For Aster Plants, See Page 78.

ALL FLOWER SEED PRICES POSTPAID.

Alyssum—Sweet. A hardy annual of quick growth, blooming from early spring until killed by frost. Much used for borders because of its compact growth. The flower is a dainty white and deliciously fragrant. Pkt., 5c.

Antirrhinum or New Giant Snapdragon. They are easily raised from seed in any sunny bed. The flowers of our new strain are produced on long spikes which makes them valuable for cutting. Spring seedings bloom by midsummer and if cut freely the flowering is continuous until fall. They may be then taken up, cut back, and will bloom in the house during the winter. Our offering comprises a mixture of all colors, from light pink to a gorgeous glowing scarlet. Pkt., 5c.

Balsam

Bachelor's Button. Corn-flower. Our mixture has been so perfected that fully 70 per cent of the flowers are double. This is among the most attractive of all hardy annuals and one of the most popular of the old-fashioned flowers. Pkt., 5c.

Balloon Vine. Remarkable for the inflated appearance of its seed pods, and sometimes called "Love-in-a-puff." The flower is insignificant, but the plant is a rapid and graceful climber. Pkt., 5c.

Balsam—Superb Camelia Flowered. The large sized, perfectly formed flowers closely resemble the Camelia. Most of the flowers are two inches in diameter, borne in wonderful profusion. Our mixture embraces all the choicest varieties. Pkt., 5c.

Antirrhinum

Bee Balm or Rocky Mt. Bee Plant. This is a native annual which is very hardy, growing on poor and dry soils, as well as in alkali and gumbo where little else thrives. A large bushy plant reaching a height of two to four feet, and covered in August with spider like purple or lavender flowers. Pkt., 5c.

Calendula—Pot Marigold. Also known as "Scotch Marigold." Free flowering plants of earliest culture, succeeding everywhere. The seed should be started indoors. Our strain is extremely showy with large double flowers of intense glowing colors. Pkt., 5c.

Calliopsis—Coreopsis. A showy and free-flowering annual, blooming all summer and excellent for cutting and massing. We offer a mixture of the finest strains. Pkt., 5c.

Canary Bird Flower. A beautiful climber with a charming little canary-colored blossom bearing a slight resemblance to a bird with the wings half extended. Pkt., 5c.

Carnation

Candytuft. Giant Flowering Mixed. This justly popular annual is of easiest culture and flowers profusely throughout the whole season. The flowers of our strain are nearly double the size of the old varieties and fairly cover the plants, which are useful in beds, pots, or borders. Pkt., 5c.

Canna—Crozy's Dwarf. This is an everblooming, large flowering French strain and blooms freely the first year from seed. They are more beautiful for bedding than even the best Geraniums, the tropical foliage being surmounted by spikes of bloom in glowing colors. Our mixture is made up of the best new varieties. Pkt., 10c.

Canna—"Indian Shot Plant." This is a mixture including both the tall and dwarf varieties of this showy plant. Pkt., 5c.

Canterbury Bells. An annual campanula entirely different in habit from the perennial sorts. The delicate flowers are colored purple and rose. Pkt., 5c.

Carnation—Dwarf Margaret. Our mixed colors strain will produce a large percentage of lovely fragrant flowers. They are quite hardy, flowering four months from seed, and may be cut back and planted in pots for winter blooming in a cool room. With slight covering they will live out all winter. Pkt., 5c.

Catchfly. A bright-colored, free-flowering annual, largely grown for spring flowering and used in borders and rock work. It succeeds in any light, loamy soil. Our mixture embraces the white, red and rose-flowering strains. Pkt., 5c.

ALL FLOWER SEED PRICES POSTPAID.

Chrysanthemum—French Marguerite. These annual Chrysanthemums are altogether different from the large-flowered late varieties grown by florists. In cool, moist locations they grow easily from seed and flower freely. Excellent pot plants during the spring months. Pkt., 5c.

Coboea Scandens—Cathedral Bells. Very prolific and perfectly hardy; this is one of most handsome and rapid growing of annual climbers. It is always clean of insects. The flowers are bell-shaped and very beautiful. Pkt., 5c.

Cosmos. We are offering for the first time a strain of Cosmos that comes into full bloom early enough to satisfy the wants of flower lovers in this section. The plants are easily raised and form large bushes, 4 to 5 feet tall, covered in the fall with huge flowers. Pkt., 5c.

Cosmos

Convolvulus—Japanese Morning Glory. The flowers are of gigantic size and in coloring range from snow-white to black purple. The plant will make a growth of 25 feet in a summer, and many of the heart-shaped leaves are marbled with silver, white and yellow. Pkt., 5c; oz., 15c.

Convolvulus—Morning Glory. A fine mixture of the old fashioned, yet ever popular climber. Pkt., 5c; oz., 10c.

Cypress Vine. A most beautiful climber, with dark green fern-like foliage and mass of beautiful star-shaped flowers. Pkt., 5c.

Summer Cypress—Burning Bush. A highly ornamental annual of very rapid growth which forms a pyramidal bush from 2 to 3 feet high, having a cypress-like appearance. The leaves are a light pea-green until September when they change to a carmine or bright red. Pkt., 5c.

Dianthus

Dahlias

Cactus. We offer a mixed strain of this variety; the loosely formed flowers of which closely resemble the Chrysanthemum. Pkt., 5c.

Double. This is a mixture of seed from all the best varieties. Pkt., 10c.

French Collarette. A distinct type of Single Dahlia. Its peculiarity consists in a row of short petals around the disc, forming a frill of an entirely different color from the rest of the flower. Pkt., 5c.

Daisies

Shasta. This hardy perennial can be grown out of doors anywhere. The flowers are large with white, cream, and yellow-colored petals and small golden centers. We offer the choicest obtainable strain. Pkt., 15c.

For Roots See Page 85.

Double—Bellis. Dainty, spring flowering, shade loving plants, suitable for borders and low beds. Pkt., 5c.

Dianthus—Chinese Pink. Like its relative, the Carnation, the Dianthus is supremely beautiful. Our mixture ranges from pure white to the most delicate pink and deep, glowing crimson. It includes all the standard sorts and all the newest spotted, striped and handsomely fringed varieties. Pkt., 5c.

Digitalis—Foxglove. Easily grown perennial attaining a height of from three to five feet, and producing long spikes of beautiful, tubular-shaped flowers. Pkt., 5c.

DO NOT FORGET THE FLOWERS

Four O'Clock—Marvel of Peru. A beautiful, well known, bushy, free-flowering favorite, mixed colors. Pkt., 5c.

Escholtzia—California Poppy. Crimson, white and gold. A showy, free-flowering plant, of low spreading growth and finely divided silvery-gray foliage. Seed should be sown thinly and early in the spring where plants are to bloom. Where a solid bed is desired, seed may be thinly broadcast and raked in. This is the most effective way of planting this gorgeous flower. Pkt., 10c.

Forget-Me-Not. These charming little favorites succeed best in cool, moist soils, blooming most freely during the spring and fall months. If lightly covered they will live through the winter and will bear even more profusely the second spring than the first. Pkt., 5c.

Geranium. Sown early in the spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. In fact, propagation by seed is the only way to obtain new varieties. Our mixture is of the largest and finest strains. Pkt. 10c.

Gourds—Ornamental. A valuable class of annual climbers. The gourds are of various sizes and colors and if allowed to ripen on the vines, can be kept for months as curiosities. Pkt., 5c.

Escholtzia

Helianthus—Chrysanthemum Flowered. The best and most effective of all annual sunflowers. The flowers are immense, from 12 to 15 inches in diameter and extremely double. It is especially adapted for backgrounds and hiding unsightly places. Pkt., 5c.

Helianthus—Mammoth Russian Sunflower. This is the old-fashioned heavy seed producer. Single heads measure from 12 to 22 inches across, and contain an immense quantity of seed valuable as a poultry and stock food. Pkt., 5c; 1-lb., 30c, postpaid. By express or freight, 10 lbs., $2.00.

Hollyhock

Heliotrope. A universal favorite on account of its fragrance and beauty, few realize that it can be raised from the seed as easily as the Verbena. Seed sown early indoors will insure a long period of bloom. Used both for bedding and pot plant. Pkt., 5c.

Hollyhock—Prize Double. Tall, stately majestic; our strain of this old-fashioned favorite cannot be improved upon. The colors range from pure white through the whole scale to black. This is a perennial and will not bloom the first year unless planted indoors in March. Our selection is perfectly double. Pkt., 5c.

For Roots which will bloom the first year, see Page 85.

Ice Plant. A trailing plant with singular icy foliage: most excellent for vases, hanging baskets or rockwork. Pkt., 5c.

Larkspur. A quick-growing, free-flowering annual, producing stiffly erect spikes of beautiful blossoms, range in color from pure white to dark blue. Pkt., 5c.

Marigold—The Eldorado. The plants grow 2½ feet high with large, double, imbricated flowers from 3 to 4 inches in diameter. Our strain embraces four shades of color; the lightest primrose, lemon, golden-yellow and deep orange. Pkt., 5c.

Marigold—French Mixed. A dwarf strain which forms ball-like bushes of quick growth and free-flowering habit. The double flowering sorts of our mixture include the most rich and beautiful colors. Pkt., 5c.

Mignonette—Machet. A well-known favorite. Our strain is adapted for pot culture as well as for outdoor planting. It is of dwarf pyramidal growth bearing numerous flower stalks. The blossoms are highly colored and very fragrant. Pkt., 5c.

Marigold

Will's Dwarf Mixed

Nasturtiums

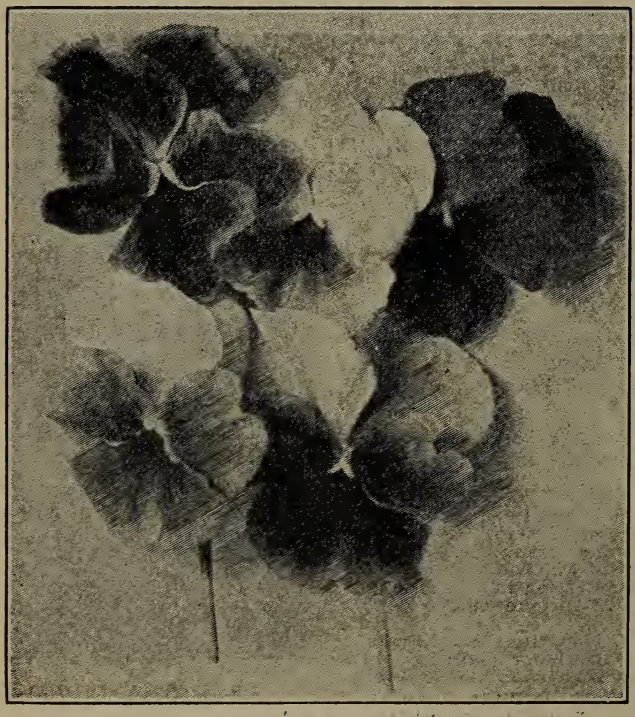
Will's Pioneer Brand Dwarf Mixed Nasturtiums. Our mixture is the best obtainable and very desirable for bedding, vases and pot plants. The seed should be planted in rows one to two feet apart and when well started, thinned out to ten inches apart in the rows. The plants bloom freely and the flowers embrace every desirable color. Pkt., 5c; oz., 15c; ¼-lb., 40c; ½-lb., 75c; 1-lb., $1.40.

Will's Superb Tall Mixed Nasturtium. Our magnificent strain makes a strong growth of from five to six feet, flowering freely from spring to fall with large blooms of the most brilliant shades. These are remarkable for their wide range, embracing rose, salmon-pink, light yellow, deep orange, velvet maroon, and purple in clear color, as well as every conceivable fancy in stripe and blotch. We are justly proud of our selection which we feel deserves a place in every garden. Pkt., 5c; oz., 15c; ¼-lb., 35c; ½-lb., 65c; 1-lb., $1.25.

Will's Tall Mixed

PANSIES

Pansies are the most popular of all flowers and everyone should grow a bed of this hardy group. Best results may be had by sowing seed indoors in February, transplanting when large enough, one inch apart and then again to the open ground in May. The largest sized flowers can only be attained in rich soil. Manure from the cow stable is especially beneficial.



Will's Royal Show Pansies

Will's Royal Show. We have spared neither care nor expense in our efforts to make the Royal Show strain of pansies the best in cultivation. This mixture is made up of the best and choicest varieties grown by specialists in all parts of the world. The colorings and markings are diverse beyond belief. Pkt., 15c; 2 pkts., 25c.

Will's Premium Mixture. While not to be compared with the Royal Show mixture, it comprises the best of several pansy specialists' choicest and most expensive strains. It is a mixture that will please everybody who enjoys pansies and can appreciate quality of color, shape and substance. Pkt., 5c.

Bridesmaid or Meteor. A mammoth flowering pansy with wine red flowers of great beauty. Very free blooming, and the blossoms are seldom less than two or three inches in diameter. Pkt., 10c.

For Pansy Plants see Page 79.

Masterpiece

Masterpiece. This is the height of perfection in the giant or mastodon flowering type, which is the highest development that the pansy has yet obtained. Blossoms are enormous, colors beautiful and showy, and the plants are strong bearers. Pkt., 15c; 2 pkts., 25c.

Psyche. A beautiful selection of the white Mastodon type, often with a dark purple center, wonderfully showy and attractive. Pkt., 10c.

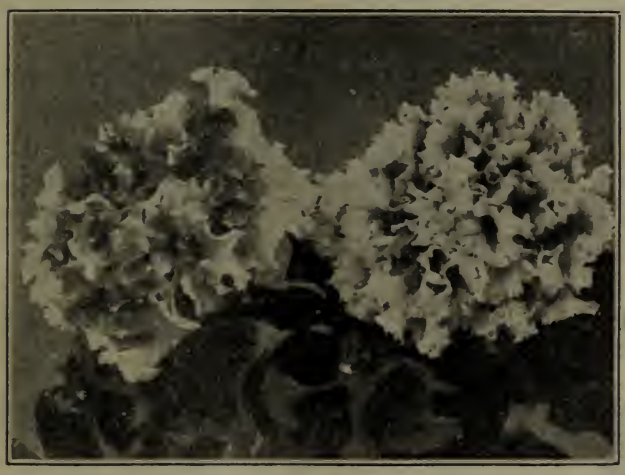
New Purple Mastodon or Orchid Flowered. This is a pure variety of very dark purple, with tremendous flowers. A striking and beautiful type of great excellence. Pkt., 10c.

Purple Mastodon

PETUNIAS

The greatest care should be taken in planting petunia seeds. The covering of soil should not exceed one-sixteenth of an inch in depth and while the earth must be kept warm and moist, excessive moisture must be avoided.

Hybrida Grandiflora. In this mixture will be found all the choicest and most beautiful single and semi-double flowers in cultivation. The colorings and markings are simply wonderful. Our seed is saved from strong, thrifty, free-flowering plants which show the richest colors and most striking markings. Pkt., 5c.



Prize Double Petunia

Prize Double. This is a mixture of the very best large-flowering Petunias. Our seed is picked from strong, carefully fertilized, double flowers. As only a small percentage comes double from seed, the intensely careful work required in harvesting the desirable seed makes our stock veritably "worth its weight in gold." The colors embrace every shade known in the Petunia and will well repay the grower. Pkt., 15c; 2 pkts., 25c.

Phlox—Drummondi Grandiflora. Of all summer flowering annuals Phlox Drummondi stands among the most brilliant and satisfactory. The trusses are large and well rounded, while the individual florets are as large as those of the perennial Phloxes. The colors we offer in our superb mixture are most distinct and brilliant. Pkt., 5c.

Portulaca—Moss Rose. Our offering is a mixture of the double, rose-flowered strains. These plants are dwarf in growth and spreading in habit. They are unexcelled for borders and will grow and bloom all summer in hot, dry locations where most other plants would soon die. Few flowers make a display of color as does a bed of Portulacas. Pkt., 5c.

WE CARRY PETUNIA PLANTS IN OUR GREENHOUSE DEPARTMENT.

Mixed Carnation Poppy. This is the finest double and single mixture ever offered. It includes the most brilliant and delicately tinted sorts and a bed of this strain makes a truly gorgeous display. Pkt., 5c.

Carnation Poppy

Shirley Poppy. This strain is perfectly hardy and flowers the first season from seed. The large, graceful flowers range in color through all shades of rose, pink, carmine and brilliant crimson. Pkt., 5c.

Stock—Ten Weeks. New large-flowering globe pyramidal stock. The immense spikes of perfectly double flowers are borne in great profusion. They are of beautiful coloring, rich fragrance and excellent keeping quality. Pkt., 5c.

Shirley Poppy

Primrose or Primula—Japanese Primrose Mixture. Seed sown in April will make fine specimen plants which will begin to bloom in the fall and continue through the winter. Our mixture includes not only the choicest colors of the single flowering Primulas, but also selected seed from hybridized flowers, which will produce a number of double blooms. Pkt., 10c.

Salphiglossis—Grandiflora—"Velvet Flower." A free-flowering annual succeeding best in cool, moist soils. The large flowers borne by plants of our mixture are most vividly spotted and striped on ground colors of deep blue, rose, velvet, yellow and reddish bronze. Pkt., 5c.

Scarlet Runner Bean. This old time favorite is a rapid growing annual climber, reaching a height of 10 to 12 feet and bearing sprays of brilliant scarlet pea shaped blossoms. Pkt., 5c; ¼-lb., 25c.

Wild Cucumber. This variety is unsurpassed for the rapid covering of unsightly objects. Its green leaves set off the pretty white flowers which are followed by bud-like fruits, beset with spines. It never suffers from the heat and will make stupendous growth under adverse conditions. If seed is planted in the spring, it should first be soaked in boiling water, as the shell is very hard and the seed will not otherwise germinate. Pkt., 5c; oz., 15c.

Verbena Hybrida. A most popular annual of many uses, bearing large clusters of showy flowers through a long season until frost. The colors of our mixture are rich and varied and embrace all the brighter shades. Pkt., 5c.

Sweet William

Sweet William—Dianthus Barbatus. These make wonderful border plants, with heads of bloom of great size and wonderful beauty. If given proper care the plants will last many years although they may be easily raised from seed each season. Our mixture combines many rich and beautiful colors of this old favorite. Pkt., 5c.

Zinnia. An old-fashioned favorite much used for bedding and borders and lately in strong favor for cutting. Few flowers are more easily grown or bloom more abundantly throughout the season. Flowers grown from our mixture are remarkable for their wide range of rich colors. Pkt., 5c.

Choice Sweet Peas, Mixed and Single Colors

A Few Suggestions in Regard to Sweet Pea Culture. The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. The seed should be sown at the rate of one ounce to fifteen feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember the vines quickly wither if allowed to produce any great amount of seed.

Imperial Mixed

Imperial Mixed. If you want the finest mixed Sweet Peas ever grown you should give the Imperial Mixed a trial and be convinced of their wonderful beauty. In this mixture are "blended" all the best Spencer strains and the ever popular Grandiflora types. Every color of the rainbow in unlimited variety is represented in every possible combination; striped, blotched, mottled and margined. Pkt., 5c; oz., 10c; ¼-lb., 40c; ½-lb., 80c; 1-lb., $1.50, postpaid.

Will's Giant Spencer Mixture. A perfect blend in proper proportions of many splendid varieties of the Spencer or orchid-flowered type throughout the whole range of color. This mixture has involved careful selection and we highly recommend it. Pkt., 10c; oz., 20c; ¼-lb., 75c; ½-lb., $1.25; 1-lb., $2.25, postpaid.

Single Color Spencer Varieties

Royal Purple. The flowers are of splendid size and form and a rich warm purple throughout both banner and wings. The younger flowers have a slightly softer color tone. Pkt., 10c.

Wedgewood. The best blue Spencer, of a unique shade of light blue, borne almost uniformly in four flower sprays. Awarded certificate of merit by the Pennsylvania Horticultural Society. Pkt., 10c.

King Edward. This flower has a very large standard and the unusually large wings give it a truly gigantic appearance. The standard is a rich, sun-proof, carmine-scarlet. The faces of the wings are of the same brilliant hue, but on the reverse side are a rosy-carmine. Pkt., 10c; oz., 30c.

Fiery Cross. This wonderful novelty Spencer has all the appearance of live fire and is an entirely new shade in Sweet Peas. The standard is a scorching fire-red, which scintillates in the sunshine and radiates over the entire flower, lighting up the rich, cherry-orange wings. Unlike most of the scarlet varieties it does not scorch or burn even during periods of intense sunshine, and therefore can be grown on all soils without shading. The beautifully waved and fluted flowers are borne freely in threes and fours, well placed on long stout stems. Pkt., 10c.

The seed which we received from you last year grew fine. I never planted any seed that came up as evenly as your garden and flower seeds did.—MRS. HARVEY G. WALDEN, Clyde, N. D.

Single Color Spencer Sweet Peas

Illuminator. In color this variety is distinct and may best be described as a rich cerise-salmon. The flowers of this Spencer sort are well placed on long, stout stems, and are uniformly large. The standard is bold, expanded and attractively waved. This sort was awarded a Certificate of Merit by the American Sweet Pea Society. Pkt., 10c.

Irish Belle

America. A very large Spencer type, striped and flaked brilliant carmine red over ivory white. Pkt., 10c.

R. F. Felton. A large and distinct lilac-covered flower, wings tinged French grey. Pkt., 10c.

Florence Nightingale. The standard is unusually bold and measures two inches across. The color is a soft, rich lavender toned by a faint rose-pink. The large, well spread wings are frilled and well waved. This is a beautiful Sweet Pea for bunching. Pkt., 10c.

Irish Belle or Dream. A superbly beautiful variety that shows quite a new shade in Sweet Peas. This coloring is uniform throughout the flower—a rich lilac, flushed with pink. The flowers are of large size and well placed on long stems. This variety is certified by the National Sweet Pea Society of America. Pkt., 5c.

Cream-pink Duplex. In color both the standard and wings are a rich cream-pink and practically all the plants give blooms with double and triple standards. On sprays of four blooms each the two lower flowers are double. Even the flowers which have only a single standard are magnificent. The beautiful lemon colored keel adds to the effectiveness of the flowers when bunched. Pkt., 10c.

Primrose. The largest and best strain of Primrose-Spencer. The cream-yellow flowers are large, of splendid substance, and well waved with an abundance of four bloom sprays. Pkt., 10c.

Mrs. Sankey. The largest and grandest of all white Sweet Peas. Born in fours on long stout stems, the blooms attain perfection in form, waviness, and immaculate whiteness. Pkt., 10c.

Primrose

My parents have used your garden and flower seeds and nearly all their field seed ever since I can remember. I consider them absolutely the best for this section and never lose an opportunity to boost for Will's Pioneer Seed House.—MRS. B. R. WATT, LEMMON, S. D.

I used only your seed the last two years. Each year took premiums at state fair. Last year received second on general garden collection.—O. D. CORTNER, Jireh, Wyo.

Insecticides for Farm, Garden and Household

For Potato Bugs, Cabbage Worms, Aphis and All Plant Pests.
Prices Subject to Market Change.

All prices on this page by express or freight unless otherwise explicitly stated.

Insecticides are becoming an increasingly necessary item in our Northwestern agriculture. Last year was perhaps the worst year for insect pests that we have ever had, and next year consequently is apt to be very bad. Our list gives both powder and spray remedies for all these pests; we can quote special prices on quantity lots, and shall be glad to answer any questions on the subject.

Arsenate of Calcium. This is rapidly coming to be the most used insecticide for potato spraying. It may be used either in liquid form or with a dust blower in powder form. Our preparation is in powder form. 1-lb., 60c; 5-lbs., $2.50. Cannot be sent by mail.

Paris Green. The old reliable pest destroyer for potatoes, tree worms, etc. ½-lb., 40c; 1-lb., 75c; 2-lbs., $1.40; larger lots, 60c. Cannot be sent by mail.

Bordeaux Mixture. This is the only good remedy against the fungus diseases of plants and trees, such as rusts, blights, mildew, etc. 1-lb., 40c; 5-lbs., $1.75. Cannot be sent by mail.

Hammond's Slug Shot. One of our very best remedies against both cabbage worms and potato bugs as well as squash and cucumber bugs. A powder harmless to human beings and animals. Apply with a duster such as listed below. By express or freight, 1-lb., 25c; 5-lb. pkg., 80c; 10-lbs., $1.40. By mail add your zone postage.

Bug Death. Another powder form insecticide, not only an enemy to cabbage worms, potato bugs and pests on nursery stock, but said also to be a stimulant to the growth of small fruit, etc. Non-poisonous to human beings and animals. By express or freight, 1-lb., 30c; 3-lb. pkg., 70c; 5-lb. pkg., 90c; 12½-lb. pkg., $1.75. Add your zone postage if desired by mail.

Carco. For cut worms, plant lice, maggots on root crops including onions. The only thing for underground pests. Pint, 50c, postpaid.

Black Leaf 40. A tobacco preparation, especially for plants and nursery stock. An excellent aphis remedy. 1-oz bottle (makes 6 gallons), 30c. Cannot be sent by mail.

Sulpho—Tobacco Soap. Combines the qualities of tobacco and an oily emulsion which no insect can withstand. Kills all kinds of plant lice, worms, etc. Also valuable as general insecticides for roaches, fleas, etc. Is not poisonous to plants or animals—only to insects. Postpaid, 3-oz. cake, 15c; 8-oz. cake, 30c.

Fish or Whale Oil Soap. A caustic potash soap made from pure fish oil, valuable for rose bushes as a wash, and for the leaves and bark of plants or trees to kill eggs and scale. Smeared on trees will prevent the ascent of worms. Postpaid, 12-oz. cake, 25c; 24-oz. cake, 45c.

For Applying Powder Insecticides. The Dickey Duster. The only convenient and practical way to dust cabbages, potatoes, etc. Price, postpaid, 80c.

Fertilizers

Fertilizers also are becoming increasingly necessary in the Northwest, and we are now carrying a good stock of the kinds most valuable there. We recommend especially the different preparations for the flower garden, lawn and vegetable garden.

Nitraco. The universal fertilizer for the lawn, flower and vegetable garden, for house plants or large tracts of land. By express or freight, 1-lb., 25c; 5-lbs., 75c; 10-lb. sack, $1.25; 25-lb. sack, $2.50.

Nitrate of Soda. The great nitrogen supplying fertilizer. By express or freight, 1-lb., 25c; 5-lbs., $1.00; 10-lbs., $1.25; 25-lbs., $2.50.

Lawn Renewer and Sheep Manure, See Inside Back Cover.

Red Snapper Plant Food. A wonderful rich and nutritious fertilizer for house plants and the small garden. Nitrogen and Phosphates together. Send for descriptive circular. 10-oz. package, 25c; 2-lb. package, 50c, postpaid.

Bowker's Plant Food. An odorless soluble fertilizer for pot plants. 4-oz. package, 25c; 12-ozs., 45c, postpaid.

Poultry Supplies and Remedies, Calf Meal, Etc.

All by express or freight unless otherwise stated. Price subject to change.

Cracked Corn, Whole Corn, Ground Feed and other feeds always in stock. Write for prices.

Blatchford's Calf Meal. Raise Your Calves Without Milk. This compound composed of eleven balanced ingredients is a perfect milk substitute. Has been used for over seventy years, and always with the best success. Comes in all size sacks, full directions accompanying every sack. Try it and you will always use it. 25-lb. sack, $2.25; 50-lb. sack, $4.10; 100-lb. sack, $8.00.

Blatchford's Milk Mash. 25-lb. sack, $2.50.

Blatchford's Egg Mash. 25-lb. sack, $2.25.

Send for descriptive matter on Blatchford Products.

Pioneer Scratch Feed. A balanced grain mixture of our own preparation for mature birds. 100-lbs., $3.50.

Pioneer Baby Chick Food. For small chickens up to three weeks old. A carefully ground, mixed and screened feed. By express or freight, 5c per pound.

Pioneer Chick Food. To be fed the baby chick until whole grain can be taken. By express or freight, 4c per pound.

Sunflower, Hemp and Canary. For poultry, parrots and song birds. By express or freight, 25c per lb.; 10-lbs., $2.00.

Alfalfa Meal. By express or freight, 10-lbs., 50c; 25-lbs., $1.20; 100-lbs., $4.00.

Charcoal. To keep fowls in a healthy state, a regulator of some kind must be fed. Nothing takes the place of charcoal. 10-lbs., 75c; 100-lb. sack, $5.00.

Crushed Oyster Shells. We have this year a good supply on hand. 10-lbs., 25c; 100-lbs., $1.40.

Darling's Meat Crisps. By express or freight, 3-lb. package, 40c.

Mica Crystal Grits. By express or freight, 100-lbs., $1.75.

Glass Jar Drinking Fountains. We supply only the lower dish and the holder for the jar. Any common glass jar or sealer will do. Price, postpaid, 25c.

Champion Leg Bands. Numbered from 1 to 100. Price, postpaid, 25-set, 35c; 100-set, $1.00.

Keyring Celluloid Leg Bands. Different colors. Per dozen, 25c, postpaid.

The Lawn Park Coop. A light sanitary, safe and easily shifted coop of wire and galvanized iron. Send for circulars. By express or freight, $3.75 each.

Success With Hens. Published by Forbes & Co., Chicago. The best book on poultry raising. Price, $1.00, postpaid.

Buckeye Incubators and Brooders. Write for prices and descriptive lists. We have in stock several models and shall be glad to order other sizes if desired.

Dr. LeGear's Poultry and Stock Remedies

In response to an increasing demand we have concluded to list a line of poultry and stock remedies. After some investigation we decided that the LeGear remedies were the best to be obtained, and we can supply them to our customers as follows:

Stock Powders in the following sizes 30c, 60c, $1.20, and in 25-lb., pail, $3.00.

Stock Dip—1-qt. cans, 75c; per gallon, $2.00.

Poultry Powder in 30c and 60c sizes.

Lice Killer, per pkg., 30c.

Cholera Remedy, 25c.

Roup Remedy, 25c; Sore Head Remedy, 25c.
Head Lice Remedy, 25c.

Prices are all by express or freight. Add 5c per pkg. to small size packages if wanted by mail.

Sprayers, Powder Blowers, Seeders, Tools

No. 100 Powder Blower

Dobbin's No. 100 Powder Blower. This is the most perfect machine manufactured for the application of powder insecticides, and it does wonderful work. Price, complete by express or freight, $8.50.

Albert Lea Sprayers

We consider this the best line of sprayers procurable. Nos. 20 and 25 are for the small garden, stable, etc. No. 10 is an excellent knapsack outfit for more extensive work on potatoes, trees, etc. Large sizes quoted on request.

Utility Glass Jar Atomizer No. 20. Capacity, one pint. By express or freight, $1.00.

Utility Glass Jar Atomizer No. 25. Capacity one quart. Pump somewhat longer and stronger. By express or freight, price $1.25.

Brown's Auto Spray No. 25. This is a small metal tank spray of small capacity destined for the same work as the glass jar sprayers, but where a stronger tank is required. Price, by express or freight, $1.25.

For the Large Garden, Potato Patch, etc.

Utility Sprayer No. 10. Capacity, 3½ gallons. An extra high pressure sprayer adapted to spraying trees, potatoes, etc., and applying white wash, cold water paint, paris green, etc. Extra heavy galvanized iron or brass, equipped with shut-off angle nozzle which may be lengthened out by adding ordinary gas pipe, non-clogging. Shipping weight, 10 pounds. By express or freight, with galvanized tank, $8.00. With brass tank, $13.00.

We Handle Barrel Sprays. Write for Prices.

TOOLS AND IMPLEMENTS

The Cyclone Seed Sower. Is the greatest labor and seed saving invention of the age. Its working principles are a marvel of simplicity. The machine is so simple in construction and so perfect in operation that even a boy can operate it.

It will sow Clover, Timothy, Wheat, Oats, Rye, Buckwheat, Hungarian, Red Top, Turnip, Millet, Alfalfa, Corn, Cotton and all other farm seeds perfectly even and in any desired amount to the acre, and from thirty to sixty acres per day, full instructions and directions on every machine. Price, each, $2.75, postpaid. By express, $2.50.

Acme Potato Planter. All steel with basket tube to drop into. Price, $2.75 each. By express or freight.

Acme Hand Corn Planter. Plants one to five kernels per hill as desired. Price, $2.00, by express or freight.

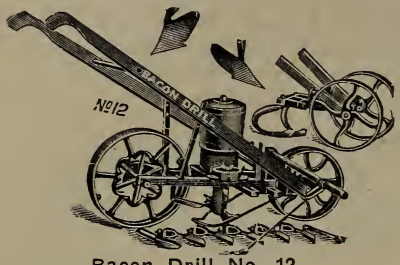
Lang's Hand Weeder. The ideal tool for the flower bed or small garden. A necessity to every gardener. Price, postpaid, 25c each; $2.50 per dozen.

Hand Garden Trowels. We have secured a supply of extra good quality heavy trowels. Neither handle nor blade will break or bend. Price, each, 80c, by express or freight; $1.00, postpaid.

PRICES SUBJECT TO MARKET CHANGE.

Drills and Cultivators

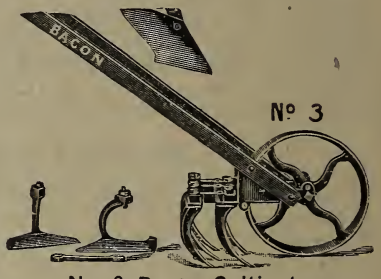
The Bacon No. 12. Equipped with parts to transform it from a drill and hill dropper into either a single or double wheel hoe. Will seed any size seed regularly and evenly, and is especially good in sowing such seed as beet, parsnip, carrot, etc. An ingeniously devised force feed which does not injure the seed. A sturdy substantial machine for the gardener. Hill dropper for 9, 12, 18 and 36 inch distances. Can be made into either the No. 3 or 4 cultivators, with five teeth, two hoes and right plow. This gives full garden equipment for seeding, cultivating both sides of a row and between rows. The change from drill to cultivator is very easily and quickly made. Price complete, boxed, by express or freight, $16.00.



Bacon Drill No. 12

Bacon Cultivator No. 3. A single-wheel machine with five teeth. By express or freight, boxed, $7.50.

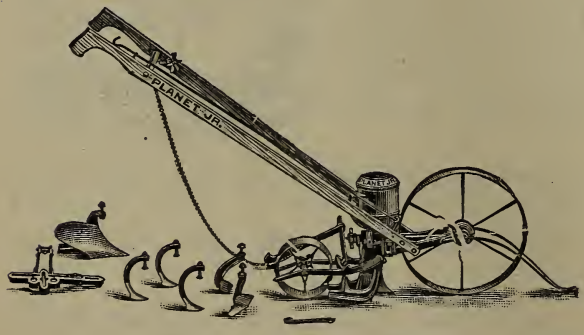
Bacon Cultivator No. 4. Single or double-wheel machine with five teeth, 2 hoes and right plow. By express or freight, boxed, $8.00.



No. 3 Bacon Cultivator

No. 25 Planet Jr. Hill and Drill Seeder. Double-Wheel Hoe, Cultivator and Plow. A combination of the Planet Jr. No. 4 seeder and No. 12 two-wheel cultivator. Equipped with one pair 6-inch hoes, two pairs teeth, two plows and two leaf guards. Sows in drills of any thickness or in hills 4, 6, 8, 12 or 24 inches apart. Thoroughly substantial and accurate in planting all kinds of seed. Seed hopper holds 2½ quarts. Quick shut-off and very simple regulator for fixing the rate of sowing. As a cultivator, can be used for hoeing, stirring, furrowing or hilling, either astride the row or between rows. Price, Boxed, by freight or express, $26.50.

No. 4 Planet Jr. Seeder. Same as No. 25, but with no cultivator attachment. Price, boxed, by express or freight, $23.50.



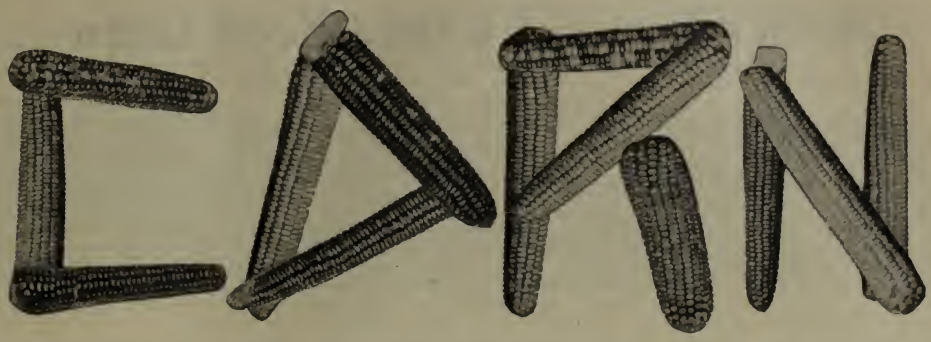
No. 31D Planet Jr. Drill

Planet Jr. No. 31D. This is a tool built for the small gardener whom the owning of a more expensive tool would not quite pay. It is a seeder only, of the usual Planet Jr. high quality. Price, by express or freight, $12.50; shipping weight, 22 pounds.

No. 17 Planet Jr. Single-Wheel Hoe and Cultivator. Equipped with two 6-inch hoes, a plow and 4 teeth. Extra tools can be purchased for use on it. Price, boxed, by express or freight, $10.75.

No. 12 Planet Jr. Single and Double Wheel Cultivator. Combines the No. 17 with a two-wheel machine. Price, boxed, by express or freight, $15.50.

FOLDERS on BACON and PLANET JR. MACHINES Furnished on Request.



HARDY VARIETIES FOR THE NORTHWEST—OUR SPECIALTY

Thirty-eight years ago we started to breed corn and urge its use for the great Northwest. Every year since then we have matured crops of seed corn in this vicinity. The introduction of our specially developed varieties has now made of the Northwest a real corn country whose limits extend into the high valleys of the Rockies on the west and Northward well into Canada. We are proud of our record in corn breeding and introduction, and are every year continuing our work along those lines.

From this position which we occupy in relation to the corn growing of the Northwest we are the LOGICAL SOURCE from which to secure your supply of SEED CORN GROWN FOR and ADAPTED TO the NORTHWEST.

Order your seed corn early as our supply is every year exhausted long before the end of the season, and this year will be no exception although once more this year we have a large supply of perfect seed, all raised locally on our contract fields.

Seed Corn such as ours is worth many times the field run, carelessly stored seed which is so often sold at even higher prices than ours.

A Few Good Rules for Corn Growers

We give herewith a few rules which might be of benefit to the many new corn growers who will start this coming year, as well as to some of the older growers who have not had perfect success with their methods.

Be sure of your seed no matter where secured. TEST IT.

A cornfield is a poor place in which to test the germination of your corn.

Plant between May 5th and 25th, later planting means risking your crop except for silage.

Check your corn or plant in hills with a hand planter, do not drill—it means lower yield and poorer and dirtier corn with very few exceptions.

Harrow frequently till corn is several inches high.

Cultivate as often as possible both ways, and until the corn is too high to go through. The cleaner the cultivation, the more corn, and the bigger the crop of small grains next year.

Do not cut corn until the kernels are well beyond the milk stage.

Use both corn and fodder—hog it off, put it in a silo, cut and shred, or turn stock in the field after pickers are through.

USE ONLY HARDY, NORTHWESTERN GROWN SEED

We are extremely well pleased by the way in which you have handled our order No. 32614. We were surprised at the prompt shipment.—G. C. ZENOR, Carlyle, Mont.

Will's Pioneer Brand Seed Corn

MISSOURI VALLEY GROWN IN NORTH DAKOTA

Prices of Seed Corn and Seed Grain are Subject to Change Without Notice

ABOUT OUR SEED CORN

We select our own seed and supervise the raising of the seed corn which we sell. We dry it carefully; sort it by hand, sometimes picking it over two or three times, and shell it and grade it with the very best machines for this work. Corn grown in the Missouri Valley section of North Dakota is naturally cured. No fire drying is necessary. Every lot of corn is tested after being shelled and before shipment. In a favorable year we aim to keep our test above 90 per cent; in a year when seed is scarce, above 80 per cent. We are always willing to have any corn not as represented returned by customers, as it is our aim to send out only the best. Mistakes will occur in the warehouse sometimes, and feed corn or the wrong sorts may be accidently shipped out. Always notify us at once of any mistake or cause for dissatisfaction and wait to hear from us before disposing of the goods.

We cannot too strongly urge that every purchaser make his own test of seed grain and corn no matter where he gets it.

Oscar H. Will in a Field of Will's Gehu Seed Corn.

WILL'S GEHU

THE CORN WHICH MAKES CORN UNDER ANY AND ALL CONDITIONS

Gehu is a hybrid from the Dakota and Mercer Flint varieties. It cannot be mistaken for any other sort as the distinction is marked in that, being a cross between a deep yellow and a pure white corn, the color is a rich, light golden yellow. The yields vary from 35 to 75 bushels per acre in different localities; the height of stalks also varies in different soils, growing from five to seven feet, with ears well up from the ground. Matures in a fair corn year in from 60 to 70 days. Will mature a good crop anywhere, where two months of summer weather are assured.

Prices of Gehu Seed Corn. Pkt., 5c; 1-lb., 25c, postpaid. By express or freight, 10-lbs., $1.00; ½-bu., $2.25; bu., $4.00; 100-lbs., $7.00.

Our Customers on Will's Gehu

Your Gehu corn is going to give us the corn crop in the Swan River valley.—CHAS. H. ERICKSON, Rumble Creek, Mont.

Enclosed find order for ten pounds of Gehu corn. We have used your seed corn in North Dakota, Alberta, Montana and Idaho and can't get anything like it.—E. C. BROTTON, Marshfield, Oregon.

Will's Genuine Dakota White Flint Corn

The Earliest, Most Drouth Resistant, Highest Yielding of the Early Flints

Seed Ear of Will's Dakota White Flint

This Dakota White Flint was the first variety bred by Oscar H. Will from the native Indian corn.

It is pure pearly white in color, the ears have from 8 to 10 rows; length of ear from 6 to 10 inches, sometimes longer; cob is slender and white; kernels broad and blocky. A large number of ears are borne to the hill which is a mass of leaves and fine stalks. The ears are from 4 to 12 inches from the ground, depending on the season, and the height of the plant from 3½ to 5 ft. Matures corn with a very small amount of moisture and withstands hail storms and frost better than any other sort.

We have had a forty acre contract field produce over 1600 bushels of dry corn, besides enough feed to keep a large herd of cattle, which was turned on the field after the corn was picked, for over a month.

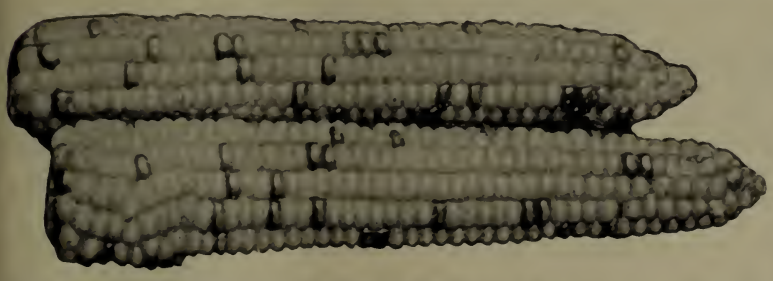
Yields of 42 bushels, or more have been officially recorded in Montana on several occasions.

Dakota White Flint has ripened at Bozeman, Mont., at an altitude of 6000 feet.

Do not confuse Dakota with other white flints. The Dakota is a grain producer with a small cob. Other flints with tremendous cobs which shell out a very low percentage are sometimes offered as Dakota. Price, Pkt., 5c; 1-lb., 25c, postpaid. By express or freight, 10-lbs., $1.00; ½-bu., $2.20; bu., $4.00; 100-lbs., $7.00.

I raised some of your Dakota White Flint corn last year, and to say that it did well puts it mildly,—one and one-third acres of it made 950 pounds of pork on the hoof for me.—FRED. W. RHODES, Worland, Wyo.

Burleigh County Mixed Corn



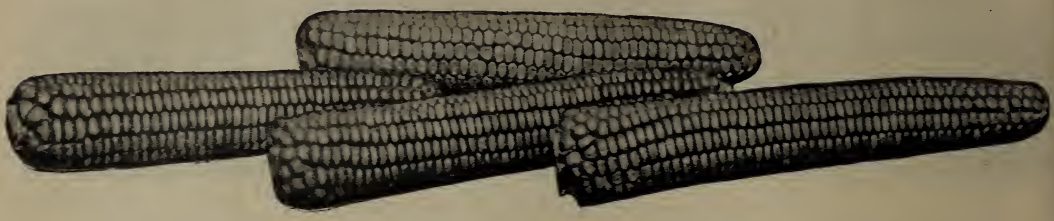
History:—From the Montana Experiment Station Bulletin No. 107.—This corn is the improved mixed corn from the Mandan Indian origin. At the time of the first settlement of Burleigh county, North Dakota, the farmers secured seed corn from the Indians, which some of them have been raising ever since. This corn was catalogued by Mr. Will in 1887. It is of many colors and is simply a selected mixed Indian corn of quite high yield and good quality.

This corn is a mixture, and is a splendid corn in every respect. It is unexcelled for "hogging off," and an exceptionally heavy yielder as are all mixed strains. Hardy, drought resistant and very early. Pkt., 5c; 1-lb., 25c, postpaid. By express or freight, 10-lbs., 90c; ½-bu., $2.20; bu., $3.90; 100-lbs., $6.80.

Mr. L. D. Hawley of Swan River Manitoba, from whom we first heard three years ago from a British Hospital, where he was recovering from wounds received in France, writes as follows concerning the Gehu, Dakota and Assiniboine. Swan River is 250 miles north of Winnipeg. "I take pleasure in reporting that the Dakota Flint and Gehu were an entire success here in the trial plot this season. Also the Assiniboine which I believe was a trifle earlier, and is a promising variety for this section."

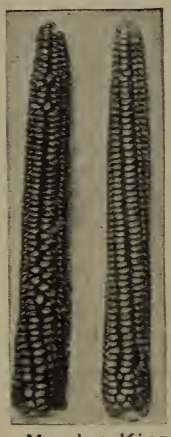
Falconer Corn

Early, Hardy, Productive.



Once more the Falconer corn has shown its pre-eminent fitness for the Northwest. It has outyielded all of the dents by a wide margin, has thriven on less moisture at the critical period than we have had for many years and has come out with a bumper crop.

We have sold this splendid corn to our customers for the past year or two and find that all who have bought it are very well pleased. We believe it to be the very heaviest yielding corn, one year with another, that is grown in our section where it seldom averages less than forty bushels to the acre. It is a selection made by Mr. Angus Falconer from a local mixed corn, known as Beal corn, a cross between an early native flint and an unknown dent, produced nearly thirty years ago, and combines all the good qualities of both parents together with that of a long period of acclimatization. The selection is practically a yellow semi-dent though not quite pure yet. It grows high enough to be easily cut by the ordinary binder, and produces ears of very large size. Pkt., 5c; 1-lb., 30c, postpaid. By express or freight, 10-lbs., 75c; ½-bu., $2.00; bu., $3.75; 100-lbs., $6.50.



Mandan King

Mandan King

The New Flint, Tall, Leafy, Early.

Mandan King has once more proved its value for the Northwest, demonstrating this year that it was not only a tremendous yielder of fine stalks and leaves, but also that it inherits much of the drouth resistant characteristics of its native parent. It has yielded very well both of ears and fodder.

We consider it to be the ideal silage corn for those who wish the flint type, as it combines the yield of the late King Philip type flints, which was one of its parents with the earliness and hardiness of the Mandan corn, its other parent. Usually ripens about a week later than Gehu. Pkt., 5c; 1-lb., 25c, postpaid. By express or freight, 10-lbs., $1.25; ½-bu., $2.75; bu., $5.00; 100-lbs., $8.80.

Will let you know that we got the seed corn to-day. Many thanks for your kindness. Corn looks fine and am well pleased with it.—CHRIS EGE, Elgin, Mont.

I write to say that I received the seed corn all right. Thanks for your prompt action in tracing the shipment.—SIDNEY WALTER, Scobey, Mont.

Mixed Assiniboine

THE EARLIEST CORN ON EARTH

We have this year at last a sufficient supply of the mixed Assiniboine corn to offer it for field use. This corn from the Canadian reservation of the Assiniboines has been bred to a very short season through its growth and maturing during nearly fifty years in that northern region, it having originally come from the Missouri River Indians. It is not only very early but under at all favorable conditions a heavy yielder. Invaluable for replanting, and in places of cool weather and very short frost free period. Pkt., 5c; 1-lb., 25c, postpaid. By express or freight, 5-lbs., 75c; 10-lbs., $1.00; ½-bu., $2.50; bu., $4.50; 100-lbs., $7.50.

Ivory King

We are this year again offering the Ivory King; this is a large type white flour corn such as was raised by the Indians in southeastern South Dakota, and which has given the highest yields of any corn in several of the tests made by the Bureau of Corn Investigations for that region. This variety has been raised in the eastern part of the state for some years now both for silage and for ear production. It is a trifle late for a sure ripening sort although it is as safe as most of the early dents. As a producer of fine silage, however, it is without an equal. The corn grows high enough to cut with a binder, the ears are of tremendous size, and the stalk is very leafy. Pkt., 5c; 1-lb., 35c, postpaid. By express or freight, 10-lbs., $1.25; ½-bu., $2.25; bu., $4.25; 100-lbs., $7.50.

Mandan White Flour

Mandan White Flour Corn

Government tests have demonstrated that the flour corns are actually even more high in feed value than the dents and are much more easily ground up and digested by stock than any other type of corn. In response to an urgent demand we have grown this year a sufficient supply of the white flour corn from the Mandan Indians to be able to supply it at reasonable prices for field purposes. This is as early as the early flints, a very heavy yielder of both fodder and ears, and certainly worthy of trial either for hogging off or ripening. Pkt., 5c; 1-lb., 25c, postpaid. By express or freight, 5-lbs., $1.00; 10-lbs., $1.50; ½-bu., $2.50; bu., $4.75.

Will's Square Deal Dent Corn

Earliest Yellow Dent Corn on Earth.

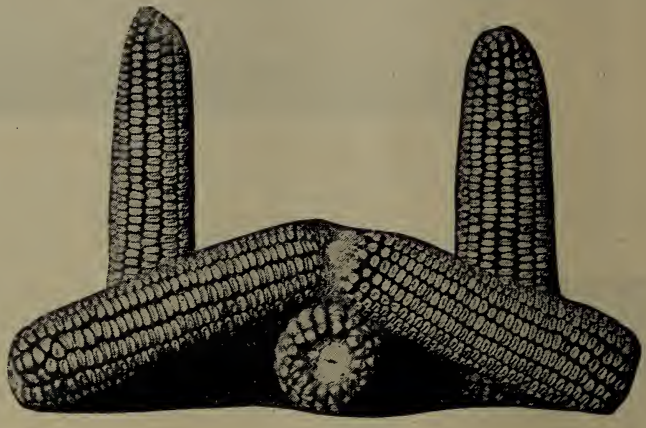
Ten days earlier than Minnesota No. 13, and as good a yielder.

Square Deal Dent Corn

"Square Deal" is a pure yellow dent with a red cob. The ears grow six to eight inches in length and contain from 12 to 16 rows, the 12 row ears predominating. Stalks grow about seven feet, with the ears about two and one-half to three feet from the ground. It is the deepest kernel of any of the acclimated varieties, and although the ears are smaller than the Northwestern Dent, it shells at least 10 per cent more. This corn is growing in favor very rapidly, and it bids fair to take first place among all the early varieties. We do not recommend this variety for light soils, but on rich, heavy land it will outyield any other sort. Pkt., 5c; 1-lb., 30c, postpaid. By express or freight, 10-lbs., $1.00; ½-bu., $2.25; bu., $4.25; 100-lbs., $7.50.

Minnesota 13 Corn

This is a medium early yellow dent that has proven very satisfactory in Minnesota and southeastern North Dakota, as well as in certain irrigated sections of southern Montana. For most of North Dakota and Montana it is not a safe variety to plant for mature corn, but is excellent as a silage sort.



Minnesota No. 13

The ears are of handsome appearance, bearing 16 to 20 rows of bright, rich yellow smooth wedge-shaped kernels, packed closely on the cob from butt to tip. The ears average eight inches in length and are borne usually two on a stalk; matures in ninety days when planted in favorable soil and in a good location, but ninety-five to one hundred days places it out of danger under average conditions. The stalks grow to a height of seven feet, and being leafy, make excellent and very nutritious fodder. Pkt., 5c; 1-lb., 25c, postpaid. By express or freight, 10-lbs., $1.00; ½-bu., $2.00; bu., $3.80; 100-lbs., $6.75.

I am an old customer of yours, I have planted your seed for about fifteen years and have had good luck with them. Also your corn, it gets ripe every year.—MRS. W. M. OLIVER, Aurelia, N. D.

The Pioneer White Dent is by far the best general purpose corn I have ever grown, so I am ordering early.—JAS. SCOTT, Buffalo, N. D. R. 2.

Will's Northwestern Dent Corn

Load of seed corn, field selected by U. S. Dept. of Agriculture agents, from field of Dan Falconer & Son, grown for us from our seed stock on contract.

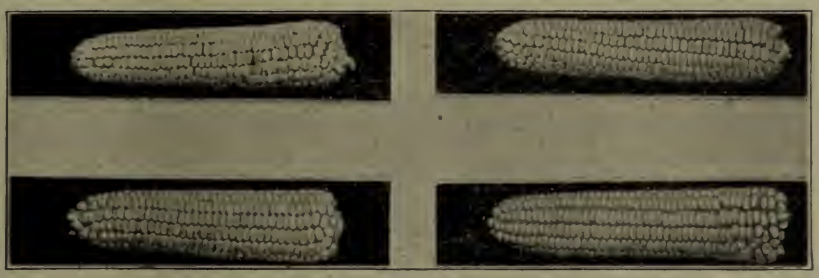
The Hardiest Dent Corn on Earth

The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest. So much so in fact that corn of every type, color and description has since been sold under the name which we gave to this early red dent. Bloody butcher and Calico from South Dakota and Nebraska have disappointed many a farmer who had bought them as Northwestern Dent, and found them too tall and too late to be of any value. **The only safe plan therefore is to buy Will's Original Northwestern Dent From Oscar H. Will & Co.**

Northwestern Dent is more extensively grown than any other variety in the Northwest. It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. Pkt., 5c; 1-lb., 30c, postpaid. By express or freight, 10-lbs.. $1.00; ½-bu., $2.50; bu., $4.25; 100-lbs., $7.50.

Pioneer White Dent Corn

THE BEST DENT CORN FOR THE NORTHWEST—The Earliest Dent Corn for the Northwest.



Pioneer White Dent Corn

After careful observation we have come to the decision that the Pioneer Dent is by all odds the best dent variety of corn for the Northwest. It is perhaps even a little earlier than the Northwestern Dent, and cures much quicker as the cob is smaller. The habit of growth is straight and tall, the ears are borne well up, and the production of ripe ears is very high.

Pioneer Dent is the result of our own breeding and selection from a white dent obtained from Mr. B. F. Schuster of Wyndmere, N. D., ten years ago, corn which he had at that time raised for twenty years in North Dakota.

This corn has never failed to produce some ripe corn for us even in the worst years, and has proved an unusual success in eastern Montana where it is very popular.

The ears average 6 to 8 inches long, gently tapering, 14 to 16 rows of kernels which are white with occasional pink shading; cob mostly white; stalks 5 to 7 feet high; ears 24 inches from the ground. Pkt., 5c; 1-lb., 30c, postpaid. By express or freight, 10-lbs., 90c; ½-bu., $2.20; bu., $3.80; 100-lbs., $6.75.

I am very pleased with the results of your seed corn (Northwestern Dent), as we had a summer of drouth and cool nights which are not regular corn growing weather.
—W. E. BOLOGNE-HEISER, Tracy-le-Mont, France.

4 X Fodder Corn

The 4 X is, we consider, the very best procurable for Northwestern conditions. We get this grown just far enough south so that the maximum quantity of fodder is produced and at the same time the stalks come near enough to maturity so that they are not all water. The best time to cut corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten lbs. to ½ bu. per acre, if planted in rows 3 to 4 feet apart; if broadcasted, use about 2½ bus. Lb., 25c, postpaid. By express or freight, 10-lbs., 75c; ½-bu., $1.25; bu., $2.00; 100-lbs., $3.30. Write for prices on larger quantities.

Acme Fodder Corn

Acme Fodder Corn

The Best Silage Corn for the Northwest.

Acme fodder is a mixture of off type dent corn or of the local mixed dent strains or other early dents of which we may have an extra amount. Being a mixture it is ranker and more luxuriant in growth and a heavier producer. For this reason it is especially valuable for silage. It is easily handled with a binder and gives just about the right degree of maturity early enough for silo filling. Lb., 25c, postpaid. By express or freight; 10-lbs., 75c; ½-bu., $1.75; bu., $3.00; 100-lbs., $5.25.

Sweet Fodder

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milk cows. Owing to the fact that its sugar content is so high it is a more concentrated feed than the ordinary corn. It is likewise a heavy yielder as it is so bushy, and there are no heavy coarse stocks which are usually waste. Lb., 30c, postpaid. By express or freight 10-lbs., $1.25; ½-bu., $2.75; bu., $5.00; 100-lbs., $8.00.

Sweet Fodder Drilled-in

Having bought a variety of seed corn, I find that the early Gehu and Dakota White flint bought from you have done the best, I would like to put in a larger crop.—EDGAR N. FESTING, Leroy, Mont.

We matured some of your Northwestern Dent corn here last year, and it was an off year.—C. E. PRATT & SON, Aberdeen, Idaho.

Will's Clean Tested Seed Grains

All prices include sacks. Remember this—it means a very great difference. Prices on all seed grain subject to change without notice.

We offer herewith a selected list of seed grains all of which have proved exceptionally adapted to the Northwest. Most of them have been grown for us on contract and others have been bought only after careful examination. The dry season has cut down the supply of many things, but we are doing our best to fulfill all demands.

NOTICE

We are marking our germination and purity tests on bulk shipments of seed grain and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds.

PIONEER BRAND SEED BARLEY

Sow 1½ to 2½ bushels per acre.

Oderbrucker

Swan Neck. We are very glad to once more be able to offer this variety, as it has without doubt proven itself the best sort for the central and western part of the state as well as further west. It is a medium early, two row variety with large plump berry, and is highly recommended by agricultural authorities for its heavy yield, and drouth resistant qualities. Lb., 20c, postpaid. By express or freight, 10-lbs., 75c; ½-bu., $1.00; bu., $1.75; 100-lbs., $3.50. Write for prices on large lots.

Swan Neck

Oderbrucker. This is perhaps the standard variety of six row barley. It does best on heavy, rich soil where it is a tremendous yielder. Lb., 20c, postpaid. By express or freight 10-lbs., 75c; ½-bu. 90c; bu., $1.60; 100-lbs., $3.25. Prices on large lots gladly quoted.

White Hulless. This is a six row, beardless barley which threshes out of the hull like wheat. Very heavy grain, and a good yielder, especially popular in eastern Montana. Sometimes sown for early hay, an excellent hog feed either threshed or to turn the hogs into. Sow 90 to 100 lbs. Pound 25c, postpaid. By express or freight, 10-lbs., $1.00; 50-lbs., $3.50; 100-lbs., $6.50.

Black Hulless. Very similar to the above except that it is bearded and perhaps a trifle more sure in a very dry year. Lb., 25c, postpaid. By express or freight, 10-lbs., $1.00; 50-lbs., $3.50; 100-lbs., $6.50.

We may be out of either one or the other varieties of Hulless Barley. We shall substitute unless otherwise directed on the order.

White Hulless

ORDER EARLY AND GET THE BEST

Pioneer Brand Seed Oats

Sow 1 to 2½ bushels per acre.
Grain and Grass seed Prices Subject to Change Without Notice.

Our Contract Field of Early Mountain Oats

Early Mountain. We are very glad indeed to be able to offer this very valuable variety again. And we still have the No. 2 strain from the U. S. Experiment Station at Dickinson. The Early Mountain is a very heavy yielder, drouth resistant and highly considered both at the Williston and Dickinson stations as well as in Montana. We consider it the best oat we can supply for the Northwest as a whole. It is a branching oat, white in color, very plump and with a thin hull which hardly covers the grain. Lb., 25c, postpaid. By express or freight, 10-lbs., 75c; ½-bu., $1.00; bu., $1.60; 100-lbs., $4.75.

Swedish Select

Sixty Day or Kherson. This is the earliest oat grown and ripens before wild oats under usual conditions. It is especially recommended by agricultural authorities for the drier sections and has given unusually good results in western North Dakota and eastern Montana. Kernels small, hull very thin and yellowish white in color, of excellent feeding qualities and a good yielder for so early an oat. Lb., 20c, postpaid. By express or freight, 10-lbs., 50c; ½-bu., 70c; bu., $1.30; 100-lbs., $4.00. Write for prices on larger lots.

Swedish Select. Our strain of these oats, which were grown on contract for us this year, is from Northern Alberta in Canada, and the seed planted was the finest lot of oats we have ever seen. The Swedish Select are the most popular oat in the Northwest and we feel that we are offering the very best strain. Lb., 20c, postpaid. By express or freight, 10-lbs., 50c; ½-bu., 75c; bu., $1.30; 100-lbs., $3.75. Larger lots quoted on request.

White Russian

Victory Oats. This is an oat recently sold over the Northwest and which has given very good results. It is medium early, plump and a heavy yielder. Very much like the best strain of Swedish Select in most particulars. Lb., 20c, postpaid. By express or freight, 10-lbs., 75c; ½-bu., $1.00; bu., $1.60; 100-lbs., $4.75. Ask for price on large lots.

White Russian. This is generally recognized as the best and heaviest yielding of the late oats. It produces well on heavy and well watered soils, elsewhere we do not recommend it. Has been very successful on the Missouri river bottoms. Under good conditions it is probably the very heaviest yielding oat there is. Owing to its lateness, however, it is especially hard to keep free from wild oats, and we cannot guarantee the seed to be absolutely free from that pest. Lb., 20c, postpaid. By express or freight, 10-lbs., 50c; ½-bu., 70c; bu., $1.35; 100-lbs., $4.00. Write for prices on larger quantities.

ORDER EARLY FOR PROMPT ATTENTION

Pioneer Brand Seed Wheat

Prices Include Sacks

Prices Subject to Change. Write for Our Figures on Large Lots.
Sow one to one and one-half bushels per acre.

The New Rust Resistant Amber Durum

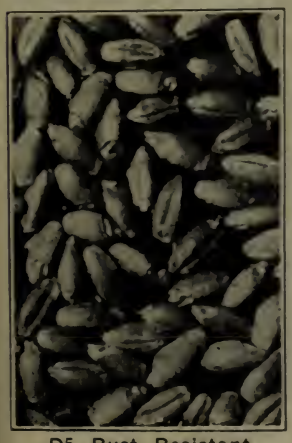
D1 or Monad Wheat

D1 or Monad wheat is perhaps the most valuable wheat introduction of recent years; while almost perfectly rust resistant it is also of the very best quality, grading No. 1 Amber. It is as well reasonably drouth resistant. We consider ourselves fortunate in having secured a good supply of the D1 which is commanding very fancy prices. We offer it as follows, 1-lb., postpaid, 30c; by express or freight, 10-lbs., $2.00; ½-bu., $3.00: bu., $5.00. Larger quantities at bushel rates.

Kubanka Durum. At the present time the Kubanka seems to be the most popular of all the durums. It has been grown in the Northwest for many years and has always given a good account of itself. It takes the very highest grade for quality, is quite drouth resistant and to at least some extent resists the rust. For these reasons it has outyielded the Marquis and many other durums very considerably, and is being very highly recommended by the State Agricultural College and the County Agents. Lb., 25c, postpaid. By express or freight, 10-lbs., 75c; ½-bu., $2.00; bu., $3.75; 100-lbs., $6.00. Get our prices for larger lots.

Kubanka Durum

Black Bearded Durum. This is the very large kernel variety and we believe that our seed is the genuine Pelissier strain. It has proven perhaps the **most drouth resistant of any variety,** and in the higher altitudes as in Montana, Wyoming and Colorado it has outyielded all other sorts. In marketing it grades as amber durum and often commands a premium as it is unusually handsome in appearance. Lb., 25c, postpaid. By express or freight, 10-lbs., $1.00; ½-bu., $2.00: bu., $3.75; larger lots at $3.50 per bu.



D5 Rust Resistant

D5 Rust Resistant. Once again the D5 has shown its practical immunity from rust. In spite of its somewhat lower price owing to inferior baking quality, it has made as much money for its growers as any wheat that was raised this past year both on account of rust and drouth resistance. Lb., 25c, postpaid. By express or freight, 10-lbs., $1.00; ½-bu., $2.00: bu., $3.50.

Marquis Spring Wheat. Except for the durums this seems to be the most generally satisfactory spring wheat for the Northwest. Early, productive and of the very best quality it always brings the top price. Our seed is recently from pedigreed Canadian stock which means that it is pure. Lb., 25c, postpaid. By express or freight, 10-lbs., $1.00; ½-bu., $2.00: bu., $3.75.

Be Sure and Get Our Fall List for Prices on Winter Wheat and Rye

Speltz or Emmer

Sow 1½ to 2½ bushels per acre.

Seed Speltz. Speltz needs little praise as it is too well known to all our customers. The great drouth crop, it is as well the most widely valuable of any grain we have. Excellent alike for horses, cattle, hogs or poultry, it is certainly a general purpose grain. Speltz as well as being so universally valuable is one of our surest drouth resistant crops and in conjunction with corn will insure feed in the worst years. Good seed speltz is scarce and high this year. Lb., 25c, postpaid. By express or freight, 10-lbs., 75c; ½-bu., 80c; bu., (40 lbs.), $1.50. In larger lots, 100-lbs., $3.50.

Pioneer Brand Seed Rye

Sow 1 to 1½ bushels per acre.

North Dakota Grown Spring Seed Rye. Spring rye is one of our most valuable crops. and is available for a number of uses. On light, poor soil it is the only small grain crop that will produce profitably. Sown late in the season it makes an excellent hay crop, and it may also be sown and used as hog or sheep pasture with very good success. Lb., 20c, postpaid. By express or freight, 10-lbs., 60c; ½-bu., $1.25; bu., $2.30: 100-lbs., $4.10. Ask for prices on large lots.

Spring Seed Rye

Winter Seed Rye

Rosen Rye. We shall be able to furnish next summer genuine Rosen Rye which we have tested in this climate and found perfectly hardy. We expect to have North Dakota Grown Seed. This variety needs no description, as its superiority over other sorts has become widely known.

Winter Seed Rye—(North Dakota Grown). We have a large stock of choice winter seed rye for shipment at any time. You will find it listed more fully in our fall price list, ready August first. Postpaid, 1-lb., 20c. By express or freight, 10-lbs., 60c; ½-bu., $1.20; bu., $2.10; 100-lbs., $3.70.

Pioneer Brand Field Peas

Sow 1½ to 2½ bushels per acre.

Peas may be grown successfully on a variety of soils, but clay loam and soil well supplied with lime are best, peas also require a fairly moist soil. Even a heavy clay soil will raise good peas.

Early Canada Field Peas. Field peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or spring rye. Lb., 25c, postpaid. By express or freight, 10-lbs., $1.50; ½-bu., $3.00; bu., $5.50; 100-lbs., $8.50.

White Marrowfat Peas. Not only a heavy yielding field pea but a good green pea and much used for canning. Shorter than Early Canada, averaging about 3½ ft. high, and somewhat later, it is a heavy yielder of ripe peas and the quality of them is better. It will stand more hardship in the way of drought, etc., than other sorts. One lb., 25c, postpaid; 10-lbs., $1.50; ½-bu., $3.75; bu., $6.50, by express or freight.

Early Canada Field Peas

Pioneer Brand Seed Flax

Prices Include Sacks.

Flax prices are subject to change, both up and down. If you wish a quantity, write for prices.

Sow ¼ to ½ bushel per acre.

Wilt Resistant Seed Flax. There are several varieties of resistant flax which seem about equally valuable and which are equally popular. The best are N. D. No. 52, N. D. No. 73, N. D. No. 114 and Premost or Minn. No. 25. We expect to be able to furnish at least one of these varieties and perhaps all of them during the coming season. In ordering state whether you will take any one of the three or want only the special kind ordered. 1-lb., postpaid, 30c. By express or freight, 10-lbs., $1.50; ½-bu., $2.25; bu., $4.25.

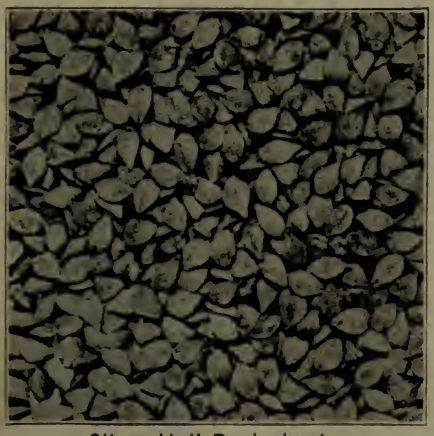
Choice Clean Seed Flax. While we do not like to give up time and space for handling the common flax, yet the demand has been so urgent that we have planned once more to carry a limited supply of good quality seed. Samples sent on request and prices quoted. Present prices, 10-lbs., $1.25; ½-bu., $2.20; bu., $4.00.

Wilt Resistant Flax

Pioneer Brand Buckwheat

Sow ½ to 1 bushel per acre.

Buckwheat is becoming more popular every year in the Northwest. May be sown as late as July first and mature a crop; does well on light soils, an excellent crop to smother weeds, and always a marketable grain.



Silver Hull Buckwheat

Silver Hull. This is the later heavier yielding variety which is common in the east, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers. Lb., 20c, postpaid. By express or freight, 10-lbs., $1.00; 25-lbs., $1.50; 100-lbs., $5.50.

Japanese. The Japanese buckwheat is the largest seeded variety grown, as well as the hardiest. It is a week earlier than the other sorts, stands up and produces a crop on poorer soil and is of good milling quality. We therefore consider it well suited to our climate even though the yield under the best conditions may fall a little short of the later sorts. Lb., 20c, postpaid. By express or freight, 10-lbs., $1.00; 25-lbs., $1.50; 100-lbs., $5.50.

This is five years I have bought seed of you and I have been well satisfied with all of it.—JERRY WALSH, Sherwood, N. D. R. 1.

Order No. 26083 was received in good condition and am much pleased.—Wm. McGRAW, Molson, Wash.

All seeds arrived in good condition. Receive my thanks for the prompt service and the fine plump seeds.—E. T. STOLZ, Greencreek, Idaho.

Grass Clover, Alfalfa and Forage Plants

All Prices Subject to Change Without Notice. Prices Include Sacks.

The question of forage and pasture plants for the Northwest becomes more urgent every year, and the demand for seed of suitable plants increases. Fortunately there is gradually developing a list of hardy sorts and hardy strains of the tender sorts of plants which will succeed in the region. We have followed this subject carefully and strive to offer only items of tested value and hardiness. We are always glad to answer questions on the subject of especial adaptability of certain varieties, and to recommend formulas for special pasture mixtures to suit special conditions. We handle only first quality seeds for we feel that is what our customers want even at a little higher price, and we strive to make our prices just as low as possible. Do not go too heavy on any item without first trying it out or having seen it tried out in your neighborhood.

State Inspector Going Over Field of Brome Grass

Will's Pioneer Brand Grass Seed

Brome Grass, Austrian or Russian; Bromus inermis. Brome Grass which has come to be the most important tame grass for Northwestern conditions, is once more fairly plentiful and consequently much cheaper. It is an exceedingly valuable pasture grass especially for early spring and late fall, but produces only a rather poor quality of hay. For hardiness and general resistance to severe conditions it is unequalled. Is a good producer of turf and valuable on sandy soils as it roots deeply and binds loose soils together. A very large percentage of brome grass seed contains also seeds of the noxious quack grass. Such seed is not permitted to be sold in North Dakota by state dealers over whom our State Seed Commissioner has control, but may be shipped in by outside dealers. We urge therefore, that you buy brome grass seed from reputable seedmen within the state, whose seed has been inspected and passed on in the State Seed Laboratory. We confine ourselves to the North Dakota grown product, which is heavier and germinates a greater per centum than any other we have ever tested. The seed we offer is thoroughly matured and dry. Sow 7 to 15 lbs. per acre. Lb., 40c, postpaid. By express or freight, 1-lb., 35c; 15-lbs., $3.50; 50-lbs., $9.00; 100-lbs., $16.00.

Western Rye or Slender Wheat Grass. This grass is a native of the Northwest, exceptionally hardy and drought resistant and is fast gaining in well deserved popularity. As a pasture grass it is not the equal of Brome Grass, but Brome Grass hay is almost valueless, while Western Rye Grass hay is excellent. This grass is a heavy grower on good soils and even thrives on quite strong alkali land. Sow 7 to 15 pounds per acre. Lb., 40c, postpaid. By express or freight, 1-lb., 35c; 15-lbs., $3.25; 50-lbs., $8.50; 100-lbs., $15.50.

Pioneer Brand Timothy Seed. We offer only North Dakota grown timothy seed which is from acclimated fields. Timothy is the best known and most extensively grown tame grass in the country. It is a hardy grass so far as standing the winters, but does not do well in a dry year or on poor soil. For rich, well watered land no grass can equal it, elsewhere we do not recommend it for the Northwest. 1-lb., 25c, postpaid. By express or freight, 1-lb., 20c; 10-lbs., $1.50; 100-lbs., $12.00.

Timothy

I sowed five pounds of Western Rye or Slender Wheat Grass seed two years ago on alkali land 3200 feet above sea level, and it has thrived and done well. Am much pleased with this grass.—JAMES A. SCOTT, Hay Creek, Oregon.

Red Top or Herd's Grass. Useful in the Northwest principally for seeding low moist spots, slough beds, basins, and any place where water may stand at times. It is hardy in such places and will even grow where there is some alkali present. An excellent pasture grass as well as a hay producer. We handle only the fancy solid seed, of which only 4 to 5 pounds are required to the acre. 1-lb., 40c, postpaid. By express or freight, 1-lb., 35c; 10-lbs., $2.75; 100-lbs., $22.00.

Kentucky Blue Grass. We handle nothing but the fancy, clean seed, the very best procurable, without regard to cost. Blue Grass is not valuable as a hay crop but makes good pasturage. It will stand considerable hardship, but should not be sown on high rolling prairie land in the Dakotas, as in such localities it is liable to be damaged in case the soil freezes up dry in the fall. Sow 20 pounds per acre. 1-lb., 45c, postpaid. By express or freight, 1-lb., 40c; 14-lb. (1-bu.), $5.00; 100-lbs., $35.00.

Meadow Fescue or English Blue Grass. This grass, while not as valuable as Bromus and Western Rye, is one of the hardiest grasses for the Northwest. It is an excellent permanent pasture grass, and the quality of the grass is high for feed purposes. This grass roots deeply and, therefore, withstands drought and heat exceptionally well. It also withstands severe cold very well. Also useful for a hay producer, growing to the height of three feet, and possessing very nutritious qualities. Sow 15 to 20 pounds per acre. 1-lb., 50c, postpaid. By express or freight, 1-lb., 45c; 15-lbs., $6.00; 100-lbs., $35.00.

Alfalfa and Clover Seed for the Northwest

We have this season secured a good supply of North Dakota grown alfalfa and sweet clover seed, and we are offering only medium red clover grown in the state as well. The cheapest clover and alfalfa is dearest in the end and we make it a policy to handle only the better grades.

We have an Ames Scarifying machine in our warehouse, through which we run our alfalfa and clover seed. This adds to our expense in handling the seed, but increases the germination by from ten to thirty, or even forty per cent in some cases.

With the exception of postpaid prices on small lots we do not guarantee prices here quoted for any length of time, as they are subject to change without notice. Therefore, unless your order states plainly not to ship except at list prices we will execute the order at the best possible price, whether higher or lower—if higher, we will send value of remittance. If lower, will return balance.

Inoculants for All Legumes

(Alfalfa, Sweet Clover, etc.)

Nodules Caused by Inoculating Bacteria

Do not plant clover or alfalfa without inoculating your soil with the nitrogen producing bacteria which make the plants thrive and cause them to enrich the soil. These Inoculants are superior to any other commercial cultures on the market today. The cardinal points of vantage are: First: The medium used, instead of a tube of jelly, is fine, granular soil organic matter. This means the bacteria are in their native habitat. Second: Instead of one type of culture for every different plant, we place all the different strains of bacteria in one can. Only one culture to inoculate your soil for all legumes. Remember that these are the only inoculants which contain the mixed bacteria for all varieties of legumes from garden peas to alfalfa.

Abphano Inoculant. Comes in tin containers and in only two sizes. It does not dry out and the ready access of air so favors their development that this culture is guaranteed for two years. Most others are good for only six months. 1 acre size, $1.25, postpaid. By express or freight, 1 acre size, $1.00; 10 acre size, $8.00.

Nature's Way Inoculant. Made by the Stow Co. of Montana. Comes in cloth sacks and dries out somewhat more quickly. 1 acre size, 75c, postpaid. By express or freight, 1 acre size, 50c; 2 acre size, 90c; 5 acre size, $2.00; 10 acre size, $3.50

INOCULATE ALL CLOVER AND ALFALFA

Pioneer Brand Alfalfa Seed

Alfalfa Prices Subject to Change Without Notice.

Sow 4 to 7 pounds per acre.

We are again able to offer for this year a good stock of high grade North Dakota and Montana grown alfalfa seed, although the crop is by no means large. Last winter killed many promising fields and again demonstrated that only the very hardiest strains obtainable should be used in the Northwest.

And now a word with regard to these hardiest strains; we have tried out the Grimm, Cossack, Liscomb and Montana and North Dakota common seed. All of these seem to be fairly hardy, the three first ones showing much the hardiest. We are, however, entirely unable to find any point in which the Cossack is superior to the North Dakota Grimm, and for that reason we are not listing the Cossack on account of the very exorbitant prices at which it sells. Remember that all of these really hardy strains have the variegated blossom, and branching roots with low, wide crown.

"Alfalfa has the power, through the aid of certain forms of bacteria, to take up free nitrogen from the air. Hence an alfalfa crop leaves the soil richer in nitrogen when it is plowed up than when it was seeded. At the usual commercial value of nitrogen the free nitrogen of the air above one-quarter section of land would be worth a billion dollars. Every farmer has it within his power to draw upon this bank account without giving a mortgage in return."—Washington Extension Dement Bulletin, Series 1, No. 1.

North Dakota Grimm Alfalfa

North Dakota Grimm Alfalfa. Grimm alfalfa needs no description to Northwestern farmers. We have a big stock of North Dakota grown seed, which means the very hardiest strain that can be secured. The seed is plump, of fine color and high germination, and free from impurities. For the most severe conditions Grimm cannot be surpassed. Lb., 80c, postpaid. By express or freight, 1-lb., 75c; 10-lbs., $7.00; 100-lbs., $65.00.

Hardy Liscomb Alfalfa. This is one of the extra hardy variegated blossom sorts which has proven exceedingly hardy and drought resistant in the drier sections of Montana. It has also given excellent results in our section. Lb., 70c, postpaid. By express or freight, 1-lb., 60c; 10-lbs., $4.50; 100-lbs., $40.00.

North Dakota Alfalfa. We wish to call especial attention this year to our North Dakota grown, scarified alfalfa seed. While not of a pedigree strain this seed comes from the western part of the state where the fields from which it was raised have been subjected to the most severe weather conditions for a period of five or more years. 1-lb., 65c, postpaid. By express or freight, 1-lb., 50c; 10-lbs., $4.00; 100-lbs., $35.00.

Montana Alfalfa. Under this head we classify non-irrigated or "dry land" alfalfa seed of high quality either from Eastern Montana or Northwestern South Dakota where the climate is fully as severe. 1-lb., 60c, postpaid. By express or freight, 1-lb., 50c; 10-lbs., $4.00; 100-lbs., $30.00.

Pioneer Brand Clover Seed

In event prices change we shall send value unless otherwise instructed
Sow 6 to 10 pounds per acre. Prices Include Sacks.

Alsike or Swedish Clover. This clover is hardy and cold resistant, and is a very valuable pasture plant. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. 1-lb., 60c, postpaid. By express or freight, 1-lb., 55c; 10-lbs., $4.00; 100-lbs., $38.00.

Will's North Dakota Grown Medium Red Clover. While we have hesitated about advocating the Medium Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and eastern Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. Can be cut twice in a season for hay, and in meanwhile adds to the fertility of the soil. Be sure and get our extra hardy and vigorous North Dakota grown seed. 1-lb., 75c, postpaid. By express or freight, 10-lbs., $4.00; 100-lbs., $36.00.

Alsike Clover

Mammoth Red Clover. This is similar to the medium Red but a heavier and ranker grower, an exceptionally valuable clover for pasture purposes. North Dakota Grown Seed. 1-lb., 75c, postpaid. By express or freight, 10-lbs., $4.00; 100-lbs., $36.00.

White Dutch or Lawn Clover. White clover is a hardy, low growing, perennial variety that is used in some sections for pasture, and is universally used for lawns, either alone or in combination with grasses. 1-lb., 75c, postpaid. By express or freight, 5-lbs., $3.50; 10-lbs., $6.50.

SWEET CLOVER

Sweet clover is a biennial or two-year plant, and if you wish it to last longer, it must be allowed to scatter some seed the second year. The growth of the second year will usually furnish either two good crops of hay or quantities of good early pasture and a crop of seed. Sweet clover is the ideal rotation crop for our Northwestern conditions and will surely come to take the place with us of red clover further east. Best results are usually obtained by seeding alone although this is a bit wasteful of land; it does fairly well if sown with a nurse crop of barley, wheat, rye, or oats, and will often catch if disced in on old pasture especially if the soil is a bit loose.

Sweet Clover

Sweet Clover, White Blossom. This is the hardiest clover known. Thrives in sand, gumbo and alkali, under very dry or very wet conditions. Will make an excellent pasture for either hogs or cattle. Prepares the soil for alfalfa. Gives early spring and late fall pasture and is safer than alfalfa for cattle. Is not as good as the yellow for hay, but better for pasture. Cut early and high for hay. 1-lb., 45c, postpaid. By express or freight, 10-lbs., $3.00; 100-lbs., $28.00.

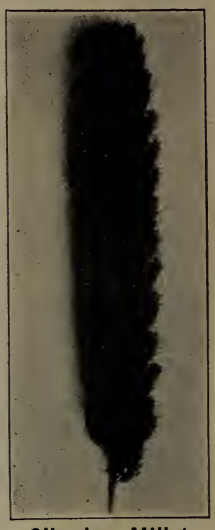
Sweet Clover, Yellow Blossom. This is a finer foliaged, lower growing variety than the white blossom and makes better hay. It may be cut close to the ground while the white cannot. 1-lb., 45c, postpaid. By express or freight, 10-lbs., $3.00; 100-lbs., $28.00.

We received the seeds O. K. Wish to thank you ever so much for sending them, and standing the lost dollar.—A. N. HANSEN, Rivulet, Mont.

Am sending our entire order to you this year for your seeds seem to be the only kind for this country. We are right on the Montana line.—EMMET CAIM, Arvada, Wyo.

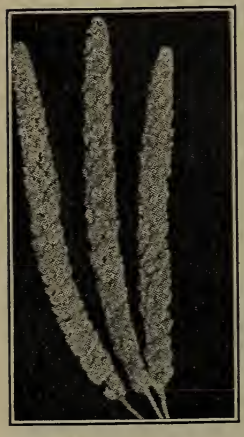
Will's Pioneer Brand Millet Seed

Millet prices include sacks, and are subject to market changes without notice. **Write for prices on large lots.** Sow 15 to 30 pounds per acre. In case of price advances, value will be sent.


Siberian Millet

Siberian Millet. This variety is the most planted of the extra hardy sorts. It is more drouth resistant than the German and produces a finer quality of hay, although it is slightly outyielded by the German under favorable conditions. It does not degenerate from being planted in the north as does the German, and therefore northern grown seed is fully the equal of the southern. The seed is mostly red with some lighter mixture. 1-lb., 25c, postpaid. By express or freight, 10-lbs., 75c; 25-lbs., $1.50; 50-lbs. (1-bu), $2.75; 100-lbs., $5.00.

Southern Grown German or Golden Millet. German Millet is a hot climate plant and grows to greatest perfection pretty well south. What we want in the northwest is a stock of the southern product grown in southern Nebraska, southern Iowa, northern Kansas, northern Missouri, Illinois or Indiana. If the seed is grown farther south than these localities the growth will be rank and coarse like small corn stalks, and will not come near enough to maturity before killing frost to head out or contain anything but water and very little dry matter. When seed from the proper section is planted it is a wonderful producer of excellent hay. Our stock is grown in the right locality. By express or freight, 10-lbs., 75c; 25-lbs., $1.75; 50-lbs. (1-bu.), $3.25; 100-lbs., $6.00.


German Millet

White Wonder Millet. Our trial of this new Millet the past three seasons has shown a wonderful growth. The foliage is very heavy, the leaves broad, and therefore it produces an immense amount of excellent fodder which cures very rapidly. We believe that on account of the earliness, the immense yield of both grain and fodder, and the very vigorous growth which leaves the ground clean, White Wonder Millet will soon take first place among the Millets. 1-lb., 25c, postpaid. By express or freight, 10-lbs., $1.00; 25-lbs., $2.00; 50-lbs., $3.80; 100-lbs., $7.50.

Hungarian Millet. This is a fine millet, very drouth resistant and a splendid yielder of good quality hay. We have not listed it for several years past for the reason that the seed has been so scarce as to be unobtainable. We are not assured of a supply this year, but shall have it if it can be gotten at all. We should suggest that those especially interested in this sort write us for quotations.

Japanese Millet. This is of a different family from the other millets, and does best in heavy, moist soil, where it will often produce two cuttings in a season, as well as a considerable amount of pasturage. Owing to the increasing scarcity of the seed we must defer quoting. Prices will be quoted upon request after January first.

Proso or Broom Corn Millet

Broom Corn Hog of Proso Millet. This with the Early Fortune represents a distinct type of Millet which is grown for seed. The seed is an excellent feed for cattle and other live stock, and for poultry. It is also largely eaten by human beings in China and Siberia. Tests in this country prove that it is of very high value for human consumption. 10-lbs., 75c; 25-lbs., $1.40; 50-lbs., $2.50; 100-lbs., $4.50.

Early Fortune Millet. The same as the Broom Corn Millet, except that the seed is red instead of yellow. By express or freight, 10-lbs., $1.00; 25-lbs., $1.50; 50-lbs., $2.75; 100-lbs., $5.00.

I had ten loads of hay from fifty pounds of White Wonder millet that I got of you.—ARNOLD ENGLER, Weston, Wyo.

Sudan Grass

Sorghums

Prices Include Sacks. Write for Special Prices on Large Lots.

We have a large stock of cane, feterita and Sudan seed already purchased and can therefore hold the present prices well into the spring if not all through the season.

Sudan Grass. Sudan grass has once more shown its value as a hay producer in the Northwest and has become a part of our agriculture. On our trial plot it produced two good cuttings, and a third growth of nearly a foot. We must warn customers though, that Sudan should not be planted until after the first week in June. If planted too early it becomes stunted and dwarfed; this agrees with reports from the Alberta Experiment Station. On poor, or dry soil sow in drills like fodder corn and cultivate, elsewhere it may be drilled in or broadcasted as you would sow millet only rather thinner. 4 to 6 lbs. is sufficient per acre by the first method; when sown thicker use 16 to 24 lbs. Lb., 25c, postpaid. By express or freight, 5-lbs., $1.00; 10-lbs., $1.50; 50-lbs., $7.00; 100-lbs., $12.00.

Amber Cane

Early Amber Cane. This is the earliest maturing variety of Cane and the one usually raised in the North, both for fodder and syrup. Ripens in 90 to 100 days. Cane may be broadcasted, or planted in drills 3 feet apart and cultivated. In the first case sow about 50 pounds per acre; in the row method, sow 6 to 10 pounds per acre. Cane is a heavy producer of valuable feed, a good silo filler, and very drought resistant. 1-lb., 20c, postpaid. By express or freight, 10-lbs., $1.00; 50-lbs., $2.50; 100-lbs., $4.50.

Feterita

Feterita. This is a sorghum of recent introduction and is the most drought resistant forage plant we have. It belongs to the non-saccharine type of the sorghums and is related closely to Kaffir Corn, but is fully three weeks earlier. Drought cannot kill it, as it only suspends growth until moisture comes again. It may be cut for hay, pastured, or cut for grain, and it is early enough to mature grain even in the Northwest. The grain has a high food value for both man and beast. The fodder is excellent, either green or cured, and it is very good silage. 1-lb., 20c, postpaid. By express or freight, 10-lbs., $1.00; 50-lbs., $3.00; 100-lbs., $5.50.

Dakota Amber Cane. This is seed of the amber variety which has been raised in one of the Dakotas or Minnesota, and which is perhaps a trifle earlier than the southern grown, and not quite so tall. 1-lb., 25c; postpaid. By express or freight, 10-lbs., $1.50; 25-lbs., $2.00; 50-lbs., $3.50; 100-lbs., $7.00.

Mammoth Russian Sunflower. The sunflower has again made good as a silage crop during the past season, standing the drouth very well in comparison with corn and making an excellent yield where conditions were favorable. We do not believe that it is quite the equal of corn when the dry weather comes in August. Sunflower has yielded as high as 12 tons per acre in western North Dakota, and has proven a very high grade feed for stock. Is not injured by light frosts and should be planted early for best results. Lb., 30c, postpaid. By express or freight, 10-lbs., $2.00; 100-lbs., $12.00. We shall be glad to quote special prices on quantity lots.

Mammoth Russian Sunflower

Miscellaneous Forage, Etc.

Prices Subject to Change.

RAPE

Dwarf Essex Rape. This plant, which is related to the rutabaga family is one of the very best forage plants for pasturing cattle, hogs, or sheep, as well as for silo filling. Thrives best in low moist soil such as a slough, lake bed or a coulee bottom. In such places it will produce a tremendous quantity of feed, growing out as fast as it is eaten off. We are glad to report that the price has dropped considerably. Lb., 25c, postpaid. By express or freight, 10-lbs., $1.50; 50-lbs., $6.00; 100-lbs., $10.00.

Dwarf Essex Rape Sheep Pasture

SOY BEANS

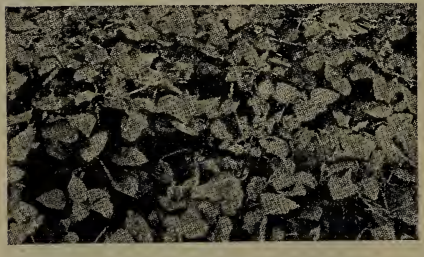
Extra Early. There are several varieties of extra early soy beans, brown, yellow and black, all of which are about equally valuable in the Northwest. These beans are valuable as a soil improver, as a wonderful producer of green feed, hay or silage, and even of ripe beans in a favorable year. Plant after June first in drills 30 inches apart for best results. For green feed drill into corn field between rows after cultivating for the last time. Lb., 30c, postpaid. By express or freight, 10-lbs., $1.75; 25-lbs., $3.75; 100-lbs., $14.00.

VETCH

Vetch, Sand, Hairy or Winter. May be sown in the fall or spring for hay or pasture. Does not stand our winter well at all times. Sow with winter rye, or with oats in spring, at the rate of 30 pounds per acre. If used alone sow 60 pounds per acre. 1-lb., 35c, postpaid. By express or freight, 10-lbs., $2.75; 100-lbs., $25.00.

COW PEAS

Whip-Poor-Will. This is a soil enriching legume about which too little is known in the Northwest. The Whip-Poor-Will is an early variety maturing in about 90 days. Cow Peas, ripe, are valuable either as human food or food for stock. The vines make the finest kind of hay green, and are eaten by stock dry; are an excellent silo filler, and may be pastured by hogs or cattle. Do not plant until the ground is warm. For pasture, hay or soiling, broadcast or drill with a grain drill at the rate of one bushel per acre. For seed sow in rows 36 inches apart and cultivate. 1-lb., 30c, postpaid. By express or freight, 10-lbs., $2.25; 25-lbs., $4.50; 50-lbs., $6.00; 100-lbs., $10.00.



Whip-Poor-Will Cow Peas

PEANUTS

Spanish. Earliest variety grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt., 10c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 35c, postpaid. By express, 1-lb., 30c; 5-lbs., $1.10.

Mammoth Virginia. The most prolific variety to grow, and more desirable than the common spreading kind, because more easily cultivated. It has very erect stems and upright foliage, and the largest pods and kernels of any variety. Sow in drills four feet apart, placing the nuts six inches apart. Pkt., 10c; ¼-lb., 15c; ½-lb., 25c; 1-lb., 40c, postpaid. By express or freight, 1-lb., 35c; 5-lbs., $1.50.

Pioneer Green Houses

HOUSE, BEDDING, VEGETABLE PLANTS AND CUT FLOWERS

Views of Our Greenhouses

Our Fall List of Bulbs, Winter Blooming Plants, etc., is issued annually about August first. Send for it. Special Holiday list ready December first, showing complete line of Christmas Greens, Flowers and Plants.

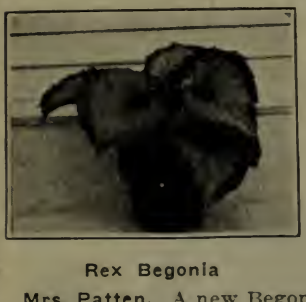
IMPORTANT NOTICE: All plants and flowers are shipped by express at the purchaser's expense unless otherwise distinctly stated. We pack all shipments carefully, but our responsibility for them ends on delivery to the Express Co. in good condition.

We do not recommend parcel post shipments of flowers or plants and will not be responsible for them if sent that way, but if customers request shipments by mail we will pack and deliver to the post-office in good order. Flower and plant shipments by parcel post cannot be insured.

Blooming plants and ferns shipped during the winter or Easter season will go forward in pots. Late spring shipments will be regarded as intended for bedding purposes, and with the exception of Boston and Whitmani ferns, all plants growing in pots of under six inches in diameter will be shipped out of pots.

House Plants and Plants for Window Boxes

ASPARAGUS FERNS. Plumosus Nanus. The lacelike texture of its foliage surpasses that of the Maiden Hair Fern in grace and daintiness. It thrives nicely in the temperature of the ordinary living room and is used largely in jardiniers either alone or as a center plant. In 3-inch pots, 40c; in 5-inch pots, 75c.



Rex Begonia

Sprengeri. Its lovely long sprays of feathery green foliage make this fern particularly valuable for hanging baskets, pots, and vases. Excellent for window boxes. In 3-inch pots, 40c; in 5-inch pots, each 75c.

BEGONIA—Rex. "Painted Leaf Begonia." These are grown exclusively for the rich and varied markings and beauty of their foliage. 4-inch pots, each, 65c.

Gracillis Luminosa. One of the old-fashioned favorites, unsurpassed as a bedding plant; excellent as a pot plant in winter and always profusely bearing brilliant red flowers. 5-in. pots, each, 65c.

Chatelaine. Another everblooming Begonia with beautiful pale pink flowers. 5-inch pots, each, 65c.

Mrs. Patten. A new Begonia of the Chatelaine type. Dark Green foliage and deep rose pink blooms. A very attractive sort. 5-inch pots, each, 75c.

Calla Lily. Of marvelous beauty, the flowers are rich, pure white and often five inches across. The beauty of the foliage with the splendor of the flowers present a striking appearance. In 4-inch pots, each, 75c. Large dry bulbs, 40c each, postpaid.

Chrysanthemum. We offer large blooming plants from the first of October until December first at from $1.00 to $2.00 apiece.

Cyclamen. The finest winter-flowering plant that we have. From the middle of November on we offer large blooming plants at from $1.25 to $3.00 each.

Cineraria. A leader among indoor flowering plants, with its wide range of colors—white, pink, blue, lavender, red and the bicolor sorts—set off against the large heavy foliage. Nothing finer for the home or sick room. Season from November until April. Each, $1.25 to $2.50.

Cyclamen

FERNS—Boston or Sword. This is perhaps the most popular of all ornamental plants. and deservedly so. We have a large stock of very fine Boston ferns in different sizes. 4-inch, 75c; 5-inch, $1.25; 7-inch, $2.00; 9-inch, $3.00.

—Whitmani or Crested. More compact and bushy in growth, than the Boston, but equally good as a house plant or for gift purposes. Same prices and sizes as the Boston.

Heliotrope. Universal favorites, are always in demand because of their delicious fragrance. Equally useful for bedding or pot plants. 4-inch pots, each, 35c; dozen, $3.50.

Obconica Primrose

Fuchsias. When in bloom, the most graceful of all cultivated plants. Named varieties. 4-inch pots, each, 50c; dozen, $5.00.

IVY—English. Very showy and a favorite indoor climber. Each, 25c; postpaid, 35c.

—German or Parlor Ivy. A rapid growing vine of bright green foliage, it is very useful for hanging baskets and vases. Each, 25c; postpaid, 35c.

Lobelia. A blue flowering, continuously blooming plant of easy culture, used largely for edging beds. 3-inch pots, each, 15c; dozen, $1.50; postpaid, each, 25c.

Madeira Vine. A tuberous rooted climber with thick leaves and handsome racemes of fragrant white flowers. Very satisfactory in house and window box culture. 3-inch pots, each, 35c. Dozen, $3.50. Dry bulbs, each, 25c, postpaid. Per dozen, $2.00.

Pelargonium — Easter Greeting. New everbearing variety. The flowers are large-sized, a bright amaranth red, and each petal marked by a large black blotch. 75c to $1.25.

Primrose—Obconica. A lovely perpetual-blooming primrose. The flowers are of rose-lilac shading to white. 3-inch pots, 60c each. Blooming plants in 5-inch pots, $1.00 each. This is one of the best values in flowering plants.

Vinca Vine. (Variegated). One of the most handsome of the trailing vines, splendid for window boxes and vase fillings. 3-inch pots, each, 30c. Postpaid, 3-inch pots, each, 40c.

Wandering Jew. (Tradescantia). A popular plant for window boxes and hanging baskets. Green leaved, 3-inch, 25c each; $2.25 dozen. Variegated leaved, 25c each; $2.25 dozen. Smaller plants postpaid at same prices.

Hanging Baskets. Filled with fine well-started plants and vines, $1.50 and $2.00. Empty basket frames 65c each.

Bedding Plants

Alternanthera. Dainty, red and yellow variegated, dwarf foliage plants, useful in borders, carpet bedding and design work. From 2½-inch pots, each, 20c; dozen, $1.50. Postpaid, each, 30c.

Antirrhinum (Snapdragon). These bloom continuously, and are valuable in beds, borders, or for cut flowers. The plants are hardy and produce large spikes of pure-colored durable flowers in pink, white and yellow. From 3-inch pots, each, 20c; dozen, $1.50. Postpaid, each, 30c.

Asters. These are the newest and finest sorts. Mixed colors. Strong transplants, not potted. Dozen, 50c; $3.50 per 100. Postpaid, dozen 60c.

Coleus. For distinctive arrangements in beds and borders the Coleus is most commonly used. We grow the red, yellow and variegated leaved varieties. From 3-inch pots, each, 20c; dozen, $1.50. Postpaid, each, 30c; dozen $2.75.

Single Marguerite. Its lasting, white, long-stemmed blooms and its continuous, free blooming habit make this variety particularly adapted for beds and for use as cut flowers. From 3-inch pots, each, 35c; dozen, $3.25.

Daisies—English. Very popular, spring-flowering perennial plants. Require some protection during the winter. In white and pink, unpotted. Dozen, 50c. Postpaid, dozen, 60c.

Feverfew. A vigorous, strong growing plant bearing clusters of large, snow-white flowers. It produces a succession of bloom and is unexcelled for bedding or cemetery use. 4-inch pots, each, 25c; dozen, $2.00. Postpaid, 35c each.

Our Aster Plants Produce Perfect Blooms

Geraniums

The most satisfactory plant for bedding and for window boxes. We make a specialty of strong well grown geraniums of the better sorts.

Geraniums

Rose Scented Geranium. This is the most popular of scented Geraniums. From 4-inch pots, each, 40c; dozen, $4.00.

Madame Salleroie. The greatest acquisition in silver variegated geraniums for bedding and pot purposes that has ever been introduced. Each, 25c; dozen, $2.50.

Geraniums. Best varieties in pink, white and red, 4-inch pots, 40c each; $4.00 per dozen. Write for prices on large lots. Postpaid, smaller plants out of pot, each, 50c.

Pansies. We make a specialty of Pansy Plants, and our large stock is grown from the best seed obtainable. Per dozen, 50c. By mail, 65c per dozen.

Pansies from Our Plants

Petunia. This is one of the very best bedding plants and of easiest culture. Single, each, 20c; dozen, $1.75. Double, each, 35c; dozen, $3.50.

Salvia Splendens. (Scarlet Sage). The erect spikes of brilliant scarlet flowers stand above the dark-green foliage and make this one of the most effective plants for beddings. 4-inch pots, each, 35c; dozen, $3.50.

Verbena. There is no more satisfactory blooming plant than the Verbena. It is especially adapted for vases, flower beds and borders. 3-inch pots, each, 25c; dozen, $2.50. Postpaid, each, 35c.

Cannas

Canna Roots

Cannas will produce more bloom in greater variety and of more surpassing beauty than any other plant that is grown and with less cost and care. Their great size and wonderful blooms and foliage make them one of the best bedding plants. Canna-beds are most effective when planted all one color. Figure the quantity you can use by allowing 18 square inches for each plant.

DORMANT ROOTS, each 25c; doz., $2.50 postpaid

King Humbert. 4-5 ft. The most popular canna on the market. Sturdy bronze foliage, immense orchid flowers of brilliant scarlet.

Yellow King Humbert. 5-6 ft. One of the best and very prolific. Strong green foliage. Large golden yellow flowers heavily spotted with vermillion.

Majestic. 6-7 ft. A foliage sort, bluish-green foliage lined with bronze and long-pointed leaves. Full trusses of small red flowers.

Meteor. 3-4 ft. Rich crimson flowers, in trusses of great beauty. Heavy green foliage.

Moonlight. 4-5 ft. Small creamy white flowers, but bears many trusses. A strong grower.

Hungaria. 2-3 ft. Very compact plant of luxuriant growth. Large pink flowers with creamy throat. Green foliage.

NOTICE—Flowers and floral greetings to your friends and relatives delivered anywhere in the United States or Canada on very short notice, by telegraph, mail, or long distance. Best service guaranteed by the entire membership of the Florists' Telegraph Delivery Assn., of which we are members.

Gladioli Bulbs

Gladiolus are the most attractive and useful for cut flowers of all the summer flowering bulbs. They produce giant spikes of perfect flowers with wonderful colors in fascinating profusion; often changing as the flower opens. The graceful spikes carrying often twenty buds may be cut as the first lower flower opens, placed in water each successive bud develops a perfect flower. Plantings each ten days from April to June will provide long keeping blooms until frost. Our list includes only the best and most satisfactory sorts.

Ruffled Glory. With "ruffled" petals. The newest type of gladiolus. Delicate pink with crimson stripe in the center of each lower petal. Wide paired flowers on strong stalks. Each petal is exquisitely ruffled. Postpaid, 15c each. $1.50 dozen.

Empress of India. Rich deep purplish red. A very fine and showy sort. Postpaid, 15c each; $1.50 dozen.

Myrtle. Tender and delicate rose pink. Ruffled Petals. The best pink grown today. Postpaid, 15c each; $1.50 dozen.

Europe. Snow white—considered the best clear white gladiolus. Postpaid, 15c each; $1.50 per dozen.

War. Deep red of brilliant color, shaded crimson-black. Very large flowers. Postpaid, 15c each; $1.50 per dozen.

Schwaben. Clear canary yellow, shading to soft sulphur. Strong grower. Postpaid, 15c each; $1.50 per dozen.

Chicago White. Pure white with lavender marking in throat. Very early. Postpaid, 10c each; $1.00 per dozen.

Halley. The earliest we have. Very popular. Delicate salmon-pink with cream and red markings. Postpaid, 10c each; $1.00 per dozen.

Baron J. Hulot. Deep violet blue. A rich and unusual variety. Postpaid, 10c each; $1.00 per dozen.

Panama. Large handsome flowers of clear pink. A great favorite. Postpaid, 10c each; $1.00 per dozen.

PIONEER MIXED GLADIOLI

This is a mixture of the very finest quality, containing many of the choicest named sorts and some blendings and hybrids not found elsewhere. The best bulb investment you can make. Postpaid, 65c per dozen. By express, 50 for $2.00; 100 for $3.50.

Dahlia Blooms

DAHLIAS

One of the greatest of outdoor plants and one that is constantly increasing in popularity. Make a liberal planting of Dahlias this year; it will pay you

Prices dormant roots. Each 30c; 6 for $1.50; 12 for $2.75, postpaid.

Chicago White

Delice. (Decorative). Very prolific and fine for cut flowers. Immense rose pink blooms on strong stems. A really wonderful variety.

Jack Rose. (Decorative). The best crimson sort. Very popular. Large blooms.

Le Grand Manitou. (Decorative). Gigantic purple blooms marked with white. A strong vigorous grower. Must be seen to be appreciated.

Arabella. (Ball Decorative). Primrose yellow blooms with strong stiff stems. A superb dahlia.

Uncle Tom. (Cactus). Very dark velvety maroon with black centers. Pointed petals. Free blooming and one of the most attractive kinds.

Princess Juliana. (Decorative). An excellent dahlia—very good for cut flowers. Clear white blooms of remarkable size.

Hortulanus Budde. (Peonie). Oriental red—a very showy Dahlia. Splendid big blooms with good stems.

CUT FLOWER DEPARTMENT

We keep on hand in our greenhouses at all times a complete stock of Plants and Cut Flowers varying with the season, which we price reasonably and which we can ship on very short notice. Prices range somewhat higher at Thanksgiving, Christmas, Easter, Mother's Day, and Memorial Day. We issue special lists for these occasions, which we send out on request.

Bouquets, designs of all sorts, and other decorations for weddings, funerals, or other special occasions are made up by an experienced designer.

There is nothing that brightens up the sick-room, home or office more than a bouquet of fresh flowers or some healthy plants, and there are no finer flowers or plants than the ones we offer. We pack them right, too.

"Say it with Flowers"

Vegetable Plants

More and more of our customers are coming to depend on us for their vegetable plants. Ours are stocky, cool-grown plants of the best varieties, but we cannot agree to furnish any special sort, as that would entail too much work and expense. Plants are usually ready to send out about May 20th. We cannot, however, guarantee date of shipment.

PLEASE NOTE—Vegetable plants are very perishable. We pack them as perfectly as possible, but we do not guarantee safe arrival. Delays in transit and delivery, the weather and careless handling make that impossible. If ordered by express we are always glad to handle claims for our customers. There is no way of making claim for loss on parcel post shipments.

Early Cabbage. Per 100, $1.00, postpaid. By express, per 100 75c; 1000, $5.50.

Late Cabbage. Per 100, $1.00 postpaid. By express, per 100, 75c; 1000, $5.50.

Cauliflower. Per 100, $1.50 postpaid. By express, per 100, $1.25; 1000, $10.00.

Celery. Seedlings, 20c per dozen, $1.00 per 100, postpaid. By express, seedlings, 75c, per 100; $3.50 per 1000.

Pepper. Per dozen 60c postpaid. By express, per dozen, 50c; per 100, $3.00.

Yellow Plum Tomato. For pickling. Dozen, 55c postpaid. By express, dozen, 45c.

Tomato. Per dozen, 55c, postpaid. By express, 45c per dozen; $2.50 per 100.

Tomato Plants From Pots. By express only, $1.00 per dozen.

Sweet Potato. Earliest varieties. Dozen, 30c; $1.50 per 100, postpaid. By express, 100, $1.25; 1000, $9.00.

Mint Plants. For sauces, garnishing, etc. From 3-inch pots, $1.25 per dozen. Postpaid, $1.75 per dozen.

Holt's Mammoth Sage. Cannot be grown from seed. From 3-inch pots, $1.25 per dozen. Postpaid, $1.75 per dozen.

Price of Best Red Stoneware Pots and Saucers, F. O. B. Bismarck.

Size of pot in inches	Each	Per dozen	Saucer Size in inches	Each	Per dozen
2	$ .05	$ .50			
2½	.06	.60			
3	.07	.70			
3½	.08	.85	3	$ .05	$ .50
4	.09	.95	4	.05	.50
5	.12	1.20	5	.07	.70
6	.15	1.50	6	.08	.80
7	.20	2.00	7	.10	1.00
8	.30	3.10	8	.12	1.20
9	.40	4.25	9	.15	1.50

Green Earthenware Cemetery Vases.....$1.00 each by express
Green Metal Cemetery Vases.....$1.00 each by express

SUNDRIES

NEPONSET

3-Inch Paper Flower Pots. These are just the thing for home grown vegetable plants. 30c per dozen, postpaid. 100 by express, $2.00.

Flower Pot Covers. These are made of green crepe paper and transform ugly pots into desirable objects. Please mention size of pot in ordering. Each, 25c, postpaid.

Rubber Plant Sprinklers. These are indispensible for floral work and window gardening. Price, postpaid, medium size, $1.25; large size, $1.75

"Savo" Flower and Plant Boxes. A very satisfactory way to have healthy plants the year round. The reservoir in the bottom when filled with water, will supply plants with moisture for ten days. Soil remains loose and in ideal condition for plant growth. Durably made of heavy galvanized iron and finished in dark green enamel. Price, 24-inch, $4.00; 29-inch, $4.50; 35-inch, $5.25; 41-inch, $6.00. Post or Fern box, 12 inches square, $4.00.

ON ALL LIFE'S OCCASIONS—SAY IT WITH FLOWERS.

Trustworthy Trees & Plants
Members American Association of Nurserymen

BISMARCK NURSERY

Our nursery at the foot of 7th St., Bismarck, is always open to visitors and we shall be only too glad to show them around.

CERTIFICATE OF EXAMINATION

This is to certify that I have this date examined the nurseries and stock of Oscar H. Will & Co., and found same to be free from dangerously injurious insects and plant diseases.

Sept. 7, 1920 A. F. YEAGER, State Horticulturist.

Shipping—Orders will be forwarded at our discretion and when we can ship. No orders taken for delivery on special dates. We strongly advise customers to have nursery stock sent by express whenever possible and will guarantee safe arrival of same, provided goods are examined before being accepted and damage, if any, marked on receipt of transportation company, so that we may enter claim for the damage. We find it impossible to so guarantee safe arrival of goods when ordered sent by mail. We wish to call the attention of our Canadian patrons to the fact that all nursery stock must go into Canada by express or freight on or before May 1st, as shipments by parcels post of nursery stock are in violation of the Canadian laws.

Care of Stock—All nursery stock leaves our packing cellar in first class condition. If your goods have been overlong on the road, or upon arrival are evidently in bad order, have the express agent make note of same on express bill before you sign it.

If trees are to be planted soon, place roots in water and let them remain for several hours. If stock cannot be planted for several days, place roots in a trench and cover firmly with moist earth.

Planting—It is a good practice to "puddle" the roots in mud thick enough to leave a thin coating on the roots.

For small trees in wind-breaks, etc., the ground should be prepared as for corn. In planting such trees the best method is as follows: Drive a spade perpendicularly into the ground; work backwards and forwards until roots of tree may be inserted behind spade; remove spade and tread firmly about tree while holding same in position with one hand.

Important—Before setting out, all broken roots and branches should be cut back to sound, live wood. The one year's growth on all fruit, shade and ornamental trees except the C. L. Weeping Birch and Evergreens, should be cut back about one-half to obtain best results. **Do not Trim Trees From Bottom Up,** but cut back only this one year wood on all twigs excepting the leader. This also holds good with shrubs, hedge plants, etc. With seedlings chop off tops when in bundles of 50 or 100 and trim roots off one-fourth to one-third of their own length. All trees thus treated will start quickly and induce a stockier and thriftier stem growth.

For trees of one inch caliper and under, the hole should be two feet in diameter, and for each additional inch caliper the diameter of the hole should be increased one foot. The hole should only be deep enough to admit planting the tree from one to two inches deeper than when planted in the nursery. Work the mellow soil well around and between the roots and firm it thoroughly.

Cultivation—All groves and wind-breaks should be well cultivated for four or five years after planting. Lawn and avenue trees cannot be cultivated to the same extent, but a small space about each tree should be kept free from grass and weeds and thoroughly mulched.

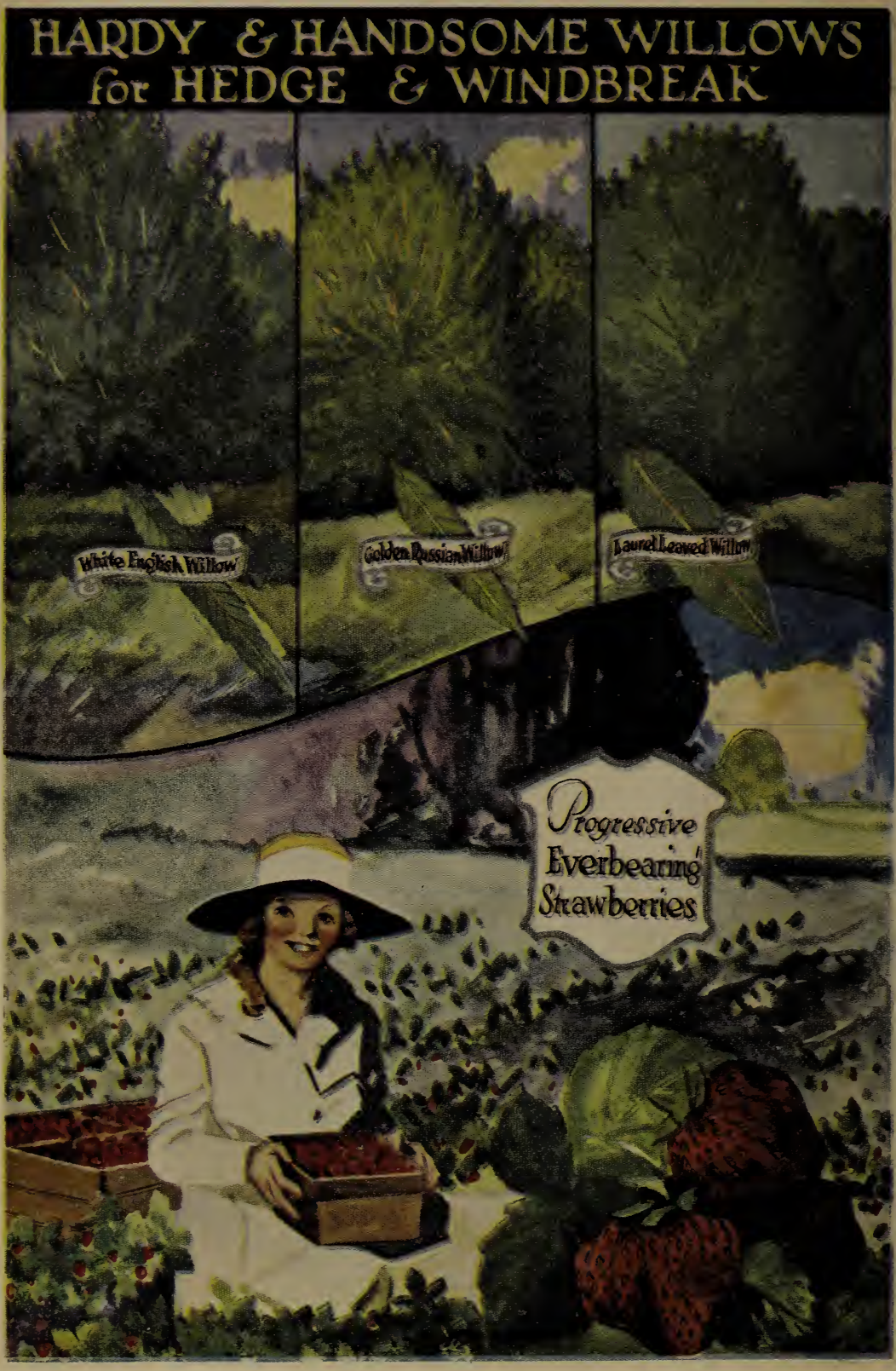
Pruning—If you want to avoid the ravages of Sun-scald and other diseases on your trees, prune VERY LITTLE, or NONE after they are started, and very little in Windbreaks and Shelterbelts as it prolongs cultivation by the insistance of weeds and baking of soils.

Fall Planting—We can always furnish stock for fall planting if desired. For the small planting where watering is possible and for perennials we recommend planting in the fall. For all other conditions spring planting is best.

Landscaping—We will gladly furnish information, estimates and small landscape plans free when furnished with a little plat showing dimensions of proposed plan, but where landscaping is desired on a larger scale, kindly write for further information. We have issued a 32-page booklet, entitled "Home Grounds" which covers the planting problems, both fruit and ornamental, that confront the prospective tree planter. A copy of this educational book will be mailed free of charge upon request.

Complete planting instructions will be enclosed free, with each order of nursery stock.

HARDY VINES & PERENNIALS
Hop Vine
Virginia Creeper
Clematis
Achillea
Columbine
Iris
Hollyhock
Millet's
Peerless
Climbing
Raspberries


HARDY & HANDSOME WILLOWS
for HEDGE & WINDBREAK
White English Willow
Golden Russian Willow
Laurel Leaved Willow
Progressive
Everbearing
Strawberries

Perennial Flowers

In the following list of perennial flowers, will be found the hardiest and best selections of the various groups of those choice flowers which come up year after year. All perennials appreciate rich soils and a good mulch of manure in the Fall after the ground is frozen, which should be taken off early in spring and worked well into the soil. Practically all perennials, except the Peonies and some of the Iris varieties, will bloom the first year.

Shasta Daisy

Explanation—Numerals at end of description indicate height of plant at blooming time.

Prices—All perennial roots, unless otherwise noted; 15c each; dozen, $1.50. By mail, 20c each; dozen, $2.00.

Daisy, Shasta—(Chrysanthemum maximum)—Flowers large pure white and very graceful, blooming more freely each season. Makes an exceptionally attractive border plant, 12 to 18 inches. Strong 2-year roots, each, 25c; dozen, $2.40. Mail, each, 30c; dozen, $3.00.

Larkspur

Larkspur Perennial—(Delphinium)—Its fern-like foliage and spikes of light-blue flowers makes this plant very attractive and striking. 2-3 feet, 25c each, $2.50 doz. Mail, 30c each, $3.00 doz.

Achillea—(The Pearl)—For illustration see colored plate, page 83. One of our finest hardy herbaceous border and bedding plants. Has pure white double flowers in dense clusters blooming from July until October. Also used much in cemeteries and for cutting purposes, 1-1½ feet.

Baby's Breath—(Gypsophila paniculata)—A very graceful plant blooming in August and September, when it becomes a mass of minute pure white blossoms, unexcelled for cutting. 2 feet.

Columbine—(Aquilegia can.)—See colored plate for illustration, page 83. Blooms from May to July, bearing quaint red and yellow flowers. 1-2 feet. Strong 2 year roots from seed.

Fox Glove—(Digitalis purpurea)—Famous for their long racemes of inflated flowers which suggest spires or towers of bells. They are of the easiest culture and prefer partial shade. 2½-3 feet.

Golden Glow—(Rudbeckia)—A very free flowering and one of our most attractive autumn flowering perennials for massing or mixed borders, producing beautiful double golden yellow flowers in great profusion from August until October. 5 to 6 ft.

Chinese Bell Flower

Chinese Bell Flower—(Platycodon)—Very handsome border plants resembling the Campanulas, the flowers when in the bud stage having the appearance of bells or inflated balloons. Flowers from June to September, 1 to 2 ft. Each, 20c; dozen, $2.00. By mail, 25c, dozen, $2.50.

Hollyhock. Vigorous strong growing plants with elegant, camellia-like flowers forming perfect rosettes, which bloom thruout the summer in the most lovely shades of color. The single ones are very attractive and free-flowering. (See colored plate, page 83).

Your choice of the following colors, strong 1-year roots:
Single: Rose, Dark Crimson, White and Mixed.
Double: Yellow, Pink and Salmon Pink.

Lily of the Valley—(Convallaria)—A great shade and rich soil loving plant. Foliage is a dark glossy green, flowers pure white, bell shaped, racemes gracefully arching. Very fragrant. 6 to 12 inches.

Sweet William—(Dianthus barbatus)—The grand well known old fashioned favorite, with a wide range of colors and conditions. 12 to 18 inches.

Tiger Lily—(Lilium tigrinum)—Flowers bright deep orange red, spotted with purplish black spots. Very useful, thriving from year to year in open border. 2 to 4 feet. Dormant bulbs only.

PERENNIAL FLOWERS (Cont.)

Iris

(For illustration, see colored plate)

Germanica or Flag Iris

Blooming very early in spring, the members of this family are among the most welcome of any of the spring flowering plants. When well established, the plants will produce from 50 to 75 blooms each. We offer only strong 2-year roots of tested varieties below. Prices for following 6 kinds, each 20c; dozen, $2.00; mail 25c each; doz., $2.40.

Sampson—One of the very finest of the Iris family. Light yellow veined with brown. 12-18 inches.

Bronze—Yellow and slightly veined and tinged with red. 12 to 18 inches.

Silver King—Early, fragrant, solid lavender fading to white. 12 to 18 inches.

Siberian Iris

Orientalis—Large handsome violet blue flowers blossoming after the flag iris are gone. This variety, having conspicuous crimson spathe valves, is also very ornamental in the bud stage, 2-3 feet.

Snow Queen—An exquisite new variety with flowers ivory white in color and one of the finest of the whole Iris family. 2 to 3 feet.

George Wallace—A very pleasing color combination of blue and white. One of the tallest varieties of the Iris. 3 to 4 feet.

Native Perennial Introductions

The prairies of Dakota are a paradise of perennial flowers which are being used over almost all of the country except that portion where they originate. Few recognize the well known flowers of the prairie when seen in cultivated plantings. We are adding several new items to our list this year.

Plants of Anemone and Violets will be taken from 2 and 3 inch pots.

Prices for following: 15c each; $1.50 per 12; mail, 20c each; $2.00 per 12.

Native White Boltonia

Anemone or Windflower—(Anemone nemerosa)—Offered last year for the first time. Has beautiful white flowers in June and July and will do especially well mixed in with partially shaded shrubbery. 12 to 18 inches.

Boltonia Asteroides—Perennial—(White)—These are hard to equal for their shades of color and extreme profusion of bloom during the autumn months. Sturdy roots.

Blazing Star—(Liatris)—Deep purple flowers produced on wandlike racemes, in late summer and autumn. Will thrive on poor soils and makes an effective border plant. 1 to 1½ feet.

Goldenrod—(Solidago rigida)—A bold plant with large heavy foliage and immense heads of yellow flowers. Very beautiful, especially when used as a background or intermixed with native Aster. 4-5 feet.

Yucca—(Yucca glauca)—The second of our new introductions this year which is found native in the Northern States. Unlike the Yucca filamentosa, this variety is ABSOLUTELY HARDY, but smaller. Will thrive on dry, gravelly soils. Blooms in June, flowers of which are large, bell-like and greenish-white. 1-1½ feet.

Violets—(Viola)—These will thrive anywhere in the open or partial shade and are very beautiful for small borders. Blue only. 6-8 inches.

Pentstemon Grandiflora. This is perhaps the most beautiful of all our native flowers; blossoms of lavender or blue, bell like in shape and nearly an inch in diameter, covering a spike from 18 to 24 inches long. Blooms early in July.

Lead Plant, Amorpha Canescens. A bushy, very striking plant with grayish, lead colored foliage with much divided leaves. Flowers in the last half of July, bearing numerous clusters of very brilliant purplish blue flowers which remain for a long time. Plant is compact and attains a height of about 2 ft.

Pentstemon Grandiflora

Peonies (Paeonia)

The Peonies are without doubt the most hardy, beautiful, and easily grown perennials of all the flowers grown within the temperate zone and when once planted, last a lifetime. They are likewise unsurpassable for indoor decoration, the cut flowers retaining their freshness for a week or more.

Plant in good rich soil from two to three feet apart each way, with the buds about three inches below the surface. It makes a magnificent show when put out in large beds ten feet across, with a mixture of colors. It should be kept in mind that although likely to give some good blossoms the year after planting, this flower does not arrive at its full size and form until the third year. The varieties listed below are intended to cover all the principal shades, and the early and the late blooming kinds.

We urge customers to order Peony roots by express only, but where desired by mail, add 10c per root, or 40c per 5 roots.

Peonies

Grandiflora Rubra—The extra large flower is a perfect blood-red ball, a very late bloomer and probably the largest peony for size of flower in existence. Each, 50c; 5, $2.25.

Festiva Maxima—The largest and choicest of all white peonies, the flowers often measuring 7 inches across. The flower is milky white with faint carmine spots in center. Each, 50c; 5, $2.25.

Rosea Magnifica—Pale blush, center cream and white, globular. Each, 60c; 5, $2.50.

Duchess De Nemours—Very beautiful and the most nearly pure white of all peonies. Exceptionally fine when in the bud. Each, 50c; 5, $2.25.

Marie Lemoine—Large flower and very late. This variety is noted for its white flowers which are faintly tinged with chamois. Each, 50c; 5, $2.25.

L'esperance—Deep rose, fragrant and early. A splendid variety. Each, 45c; 5, $2.00.

Golden Harvest—A large free bloomer. In color it is bluish-white with creamy white guard and yellow center. Center slightly carmine tipped in most pleasing combinations. Each, 45c; 5, $2.00.

Felix Crousse—This is a late variety with large, round, deep crimson flowers. Each petal is marked with cardinal at the base. Very beautiful. Each, $1.00; per 5, $4.50.

Rosea Superba—This is indeed a rightly named Peony, resembling somewhat, an immense pink Rose, with outer guards drooping, center turning slightly to white. Very compact flower. This is one of our earliest pink Peonies. Each, 75c; per 5, $3.25.

Creepers and Vines

5 at 10 rates.

Virginia Creeper. (Amp. quinquefolia.) (For illustration, see colored plate.) Also called Woodbine, five-leaved Ivy, etc. A native vine of rapid growth and large luxuriant foliage, which in autumn takes on the most gorgeous coloring. Each, 20c; 10, $1.75. Postpaid, each, 30c.

Engleman's Creeper. (Amp. Engelmani). A type of Virginia creeper, but having shorter joints, and much smaller and thicker leaves. Its strongest feature is its ability to cling to brick, stone or plaster. This makes it valuable in covering walls and large buildings. It is quite hardy but we advise planting it in partially sheltered places. Each, 35c; 10, $3.00. Postpaid, each, 45c.

Bittersweet. (Celastrus scandens). A very ornamental and absolutely hardy native climber. It produces orange-yellow flowers followed by showy crimson fruits in autumn. The leaves are dense and glossy. Each, 25c; 10, $2. Postpaid, each, 35c.

Native Hop Vine. (For illustration, see colored plate). This is a hardy, native vine which produces greenish flowers. It readily attains a height of 15 feet. Each, 30c; 10, $2.50. Postpaid, each, 40c.

Clematis. Native white flowering. (For illustration, see colored plate). A fast growing native vine of the Clematis family of absolute hardiness and covered with myriads of small white flowers in summer. 2-year plants, nursery grown, 25c each, 10, $2.25. Postpaid, each, 30c.

The order of seeds and plants regarding which I wrote you, arrived this week. The delay was due to road conditions, but everything was in fine shape—even the plants, as they were so well wrapped.—A. G. HOADLEY, Maysdorf, Wyo.

Hardy Forest, Shade and Ornamental Trees

Cottonwood Shade Tree

A few words to our customers with regard to the matter of wind break and shade tree planting. We have a fairly extensive list of trees, all of which with some attention are satisfactory throughout the Northwest. For farm planting, however, under the harsher conditions the three old standbys are still the safest to plant—that is the cottonwood, box-elder, and green ash. For extensive groves or windbreaks a free use of the smaller sizes is sure to bring results, for quickest returns the cottonwood of course being the leader. In wind break planting there should be an addition of some of the more bushy types of trees such as Diamond, White English, Laurel Leaved and Golden Russian willows, Siberian Pea Tree, and Buffalo Berry. Some of the poplars in our list might also be intermixed for variety.

Cottonwood—(Populus deltoides)—Once again we wish to inform our numerous customers who are anticipating setting out windbreaks and groves, etc., that the cottonwood, whose popularity has been slowly increasing from year to year, has been proclaimed by the highest horticultural authorities of the state to be one of our few good, all-around trees, easily adapting itself to practically all conditions, and surviving where other trees die. The cottonwood is a native of this section, absolutely hardy and a very rapid grower, while objections raised against it as being a short lived tree are easily overcome on being confronted by many windbreaks and groves thruout the state over thirty years old and which are still growing.

Choice 8 to 10 Feet Trees. We have an exceptionally fine block of these, calipering 1 to 1½ inches, with a real root system, being 2 year Nursery grown trees from cuttings. Just the thing for street or yard planting.

No Orders for less than 100 of the smaller sized seedlings will be accepted as we cannot break bunches of these.

	100	500	1000
6-10 inch	$0.50	$2.50	$4.00
10-20 inch	.75	3.50	6.00
20-30 inch	1.00	4.50	8.00
30-40 inch	1.50	6.00	10.00

	Each	10	100
4-6 ft.	$0.15	$1.25	$10.00
6-8 ft.	.30	2.25	18.00
8-10 ft.	.50	4.50	35.00
2-3 in. cal.	1.25	10.00	75.00

Ash—(Fraxinus lanceolata)—The Green Ash is a native of North Dakota, and is absolutely hardy against drought, heat or cold. This tree will grow on dry and alkaline soils and could rightly be termed "insect and disease proof."

We offer our customers some unusually good stock, as our Ash are 2 years old, have made a good growth last summer and are very stocky. Try our 8-10 ft. trees for quick effect. Seed per lb., 50c.

	100	500	1000
6-12 inches	$0.50	$2.00	$3.50
12-18 inches	.75	3.50	6.50
18-24 inches	1.00	4.50	8.25

6-8 ft. each, 35c; per 10, $3.00; 8-10 ft. each, 60c; per 10, $5.50.

Ash, European Mt.—(Sorbus aucuparia)—A very handsome hardy tree. The head is dense and regular, and very attractive when in bloom. From July until winter these trees are covered with great clusters of bright red berries. A very choice ornamental tree. 6 to 8 feet, each, 60c; per 10, $6.00.

Birch, Cut-Leaved Weeping—(Betula l. p.)—This is the most popular of all weeping trees. Of tall and slender habit; its graceful drooping branches, silvery-white bark and delicately cut foliage, with its absolute hardiness present a rare combination of attractive characteristics. We offer an extra fine lot of stocky, bushy trees. 6 to 8 feet, each, $2.00; per 10, $18.00.

Green Ash

We have a fine grove of trees out on the farm, and bought all of them from you.—IVER OISTAD, Watford City, N. D.

Hardy Forest, Shade and Ornamental Trees, Continued

Box Elder—(Acer negundo)—Also called Ash Leaved and Manitoba Maple. Too well known to need any description. In planting windbreaks it is a very good method to alternate quick growing trees with the slower growing, long lived varieties. The Box Elder and Ash are extensively used in this manner with the cottonwoods. We wish to call particular attention to our calipered trees; these give immediate results in lawn and street planting. Seed per lb., 50c. 5 @ 10 rates, 50 @ 100 rates.

Box Elder Shade Tree

	Each	10	100	500	1000
6-10 inch			$ .90	$4.00	$7.00
10-20 inch			$1.25	6.00	10.00
3- 4 feet		$ .75	8.00		
4- 6 feet		1.35	12.00		
6- 8 feet	$ .35	2.75			
8-10 feet	.75	7.00			
2- 3 inch cal.	1.00	9.00			
3- 4 inch cal.	1.50	12.50			

Elm, American White—(Ulmus am.) Altho a little slower growing than most of our ornamental shade trees, the Elms head the list for beauty, longevity, and general usefulness. 5-7 ft., each, 40c; 10, $3.50; 6-8 ft., stocky, each, 55c; 10, $4.50.

Seedlings, 12-18 inches. Per 100, $2.00; 500, $9.00; 1000, $16.00.

Linden or Basswood—(Tilia americana)—A hardy grower of pyramidal habit when young, but eventually a large round-headed tree. Its shiny bright green leaves are large and attractively shaped. Very valuable for avenue and boulevard plantings and makes a useful specimen tree. Bloom in July. 6 to 8 feet, each, $1.25; per 10, $11.00.

Maple, Ginnala—(Acer g. t.)—A very beautiful ornamental tree attaining a height of from 18 to 25 feet. The foliage is small, prettily cut and lobed and turns a bright red in autumn. Extremely hardy. 3-4 feet, each, 50c; per 10, $4.50.

Maple, Soft—(Acer Saccharinum)—We have succeeded in acclimating some very nice stock of this desirable tree, but do not recommend it for dry soils unless water can be applied plentifully, particularly before freezing in fall.

Strong, 2-3 feet, per 100, $3.50; 500, $16.00; 1000, $30.00.

American Elm

Prices for Willows and Poplar—Express or Freight.

See next page for descriptions.

5 at 10 rates	10	50 at 100 rates 100	500	1000
Diamond willow seedlings	.	$ .75	$2.50	$4.25
Diamond willow cuttings (new wood)			1.75	2.50
White English willow 1-2 feet	$ .50	3.00	12.50	22.50
White English willow 2-3 feet	.60	4.00	16.00	30.00
Russ. Golden willow 1-2 feet	.55	3.50	15.00	27.50
Russ. Golden willow 2-3 feet	.65	4.50	18.50	34.00
Laurel leaved willow 1-2 feet	.60	4.00	17.50	32.00
Laurel leaved willow 2-3 feet	.70	5.00	20.00	35.00
Niobe willow, weeping 3-5 feet each 50c	4.00			
	Each	10	50	100
Northwest Poplar, 3-5 feet	$ .40	$3.50	$15.00	$25.00
Russian or Canadian Poplar, 3-5 feet	.25	2.00	8.75	15.00
Russian or Canadian Poplar, 1-2 feet	.15	1.25	5.00	8.50
Balm of Gilead. Strong 6-8 feet	.45	4.00		
Silver leaved Poplar. Strong 5-7 feet	.60	5.00		

Mail Prices, Willows and Poplar; 100 Diamond willow, $1.00.
Small plants (1-2 ft.) Russian, White Eng. or L. L. Willow, per 10, 70c; per 50, $2.25.
Small plants (1-2 ft.) Northwest Poplar, per 10, $2.25; per 50, $10.00.
Small plants (1-2 ft) Balm of Gilead or Russian Poplar, per 10, $1.50; per 50, $6.25.

Willows and Poplar

Use these extensively for windbreak and shelterbelt plantings.

We are again in position to offer our customers the best in the Willow and Poplar family, as our 5 Acre block of lyr. stock has all been taken up this last Fall and well taken care of. We regretted very much being forced to send out willows last spring some of which were top-injured. This was not due to severe cold, but to the drouth the preceeding summer which prevented our trees ripening up properly, and consequently we were caught with most of the stock in the field in the early, heavy snows and freezing weather. As any trees will grow however, even in this condition, when cut back properly to the sound wood, we sent them out rather than disappoint our customers by not sending them any at all.

WILLOWS

Willow, White English. See colored plate for illustration. This is the original and genuine White English willow, which must not be confounded with the common Gray or white willows. Our trees at the Nursery are between 40 and 50 feet in height, well branched out and very compact and bushy. Will grow 6 to 8 feet same season as set out.

Niobe Weeping Willow

Willow. Golden Russian. See colored plate for illustration. A good, practical tree of symetrical form. Its highly colored bark makes it very attractive, even in winter. Forms a very compact, dense, bushy tree.

Willow. Laurel-leaved. See colored plate for illustration. A handsome ornamental tree, with large shiny, laurel-like leaves. Its bark stands out dark green in winter and is a very beautiful specimen in all seasons. We consider this the best variety of the willow family.

Willow. Niobe Weeping. Originally from Siberia. This is a hardy, golden barked willow of weeping habit. The tree is a good grower with long, delicate, pendulous branches which nearly reach the ground. As any weeping trees may be injured by very high winds, we advise planting in partially sheltered places such as the south side of a house.

Willow Diamond. The most valuable as to timber of all the willow family and a native of North Dakota. Diamond willow fence posts will outlast the best white cedar. It has a shrubby tendency and in such form is valuable for shelterbelts and hedges but if trimmed up from the start, there is no more graceful tree to be had.

POPLARS

The Northwestern Poplar

Probably the same as the so-called mule tree of Manitoba, and thought to be a hybrid. A very hardy cold and drought resistant tree of beautiful appearance and quick growth. Our stock has been found as a native in our section of North Dakota. Excellent for both grove and windbreak planting, and handsome in single or small group planting for the lawn or grounds. This is the very finest of the recently introduced poplars and is enjoying an ever-increasing popularity.

Northwest Poplar Windbreak

Poplar, Russian. (P. certinensis). Known mostly as the Russian or Canadian poplar and supposedly a hydrid in the Balsam Poplar group. A very rapid growing and hardy tree, having a strong central leader and very heavy, dense foliage. Leaves resemble those of cottonwoods but are narrower, more tapering and stand almost at right angles from the shoot, therefore having a picturesque and unique effect on the casual observer.

Poplar. Balm of Gilead. The popularity of the Balm of Gilead as a quick-growing service able shade tree is rapidly increasing as its remarkable hardiness and beauty become known.

Poplar. Silver-leaved. A very rapid grower with smooth gray bark. The deeply lobe leaves are a dark glossy green on their upper side and snowy underneath. The contrast o the white against the green is distinctive. We offer a stock of choice 5-7 ft. trees.

I am very happy to tell you that I have received all my seeds, onions sets, and nursery stock and all were in first class condition. I shall not forget your address when in need of anything in your line.—MRS. J. D. BRANSON, Pioneerville, Idaho.

Ornamental Flowering Shrubs

We make it a point to catalog only such varieties of hardy shrubs as have withstood our trial tests for several years at the nursery, weeding out and discarding useless varieties such as Deutzias, Flowering Almonds, Quince, Barberry, etc., which, although doing favorably in certain parts of Minnesota and South Dakota, are utterly useless in the northwestern sections. Prices quoted are by express or freight. 5 at 10 rates.

Mail Prices—Where shrubs are desired by mail add 10c per plant to price quoted for that variety. All shrubs sent by mail are of small size, and will be cut back ready for setting out, before shipping.

Snowball

High Bush Cranberry. (Viburnum Opulus). A native shrub, flourishing on all but the dryest soils. The leaves are a glossy green and always free from insects. It is valued for its beautiful foliage and early white flowers, but mostly for its big clusters of red berries in the fall. Each, 40c; per 10, $3.50.

Juneberry. (Amelanchier Canadensis). A native of this state, attaining a height of six to eight feet, bearing white flowers very early in the spring, and producing a large number of edible berries which are very ornamental. Each, 3 to 5 feet, 25c; per 10, $2.00.

Golden Elder. (Sambucus aurea). A most attractive shrub with golden foliage the entire season. Forms a delightful contrast when grouped with other shrubs. Flowers in July. Each, 40c; per 10, $3.50.

Flowering or Buffalo Currant. (Ribes Aureum). The fragrant yellow flowers are borne in showy racemes and bloom before the plant leaves out. The flowers are replaced by deep crimson berries which make excellent jelly. The leaves give bright autumn tints. Particularly desirable in shrubbery clusters. Each, 3-4 feet, 60c; per 10, $5.00.

Snowball. (Viburnum Sterilis.) This beautiful shrub blooms during the latter part of May and is used extensively for Memorial Day decorations. The large balls of pure white flowers are borne in clusters of five and six. Each, 35c; per 10, $3.00.

Spirea Salicifolia—(Meadow Sweet)—Native white flowering. Covered with beautiful small white flowers borne on miniature spjkes from late June into July. Small plants. Each, 25c; per 10, $2.00.

Spirea. Van Houtte. This is the most graceful of all the Spireas. In June it is a complete mass of small white flowers, well placed along its drooping branches. It is excellent as a specimen plant or for use in shrubbery clusters. 2-3 feet, each, 35c; per 10, $3.00.

Spirea Rosea—(Crimson Spirea)—Gracefully branching and slender, this variety is covered thruout the best part of summer with numerous small crimson flowers borne on large pannicles. Will do well on all soils but should be placed in favorable location for best results. Each, 40c; per 10, $3.50.

Spirea Opulifolia — (Ninebark) — Has a strong thrifty, upright growth, attaining a height of 6 to 8 feet. The stems are rugged and have loose, gray bark. Flowers are white, with bladdery pods turning purple in fall. Will thrive in both dry and wet soils. 2-3 feet, each, 40c; per 10, $3.50.

Spirea. Billiardi. A hardy, vigorous growing shrub with flowers in terminal rose colored spikes blooming from mid-summer until frost. Grows to a height of from 5 to 7 feet. Each, 3-4 ft., 35c; per 10, $3.00.

Spirea Van Houtte

Spirea. Anthony Waterer. This is a dwarf, free-blooming variety which bears flattened heads of brilliant rosy blossoms on the new wood throughout the latter part of summer. 18 to 24 inches, each, 60c; per 10, $5.00.

Silverberry. (Eleagnus argentea.) An erect shrub, native here and in Canada, growing to a height of 12 feet. Leaves silvery on both sides, while flowers are yellow and fragrant. Closely resembles the Russian Olive to which family it belongs. 3-4 ft., each, 50c; per 10, $4.50.

Staghorn Sumac—(Rhus typhina)—The glossy foliage turns a brilliant crimson in fall, while the branches and stocks are very dense and velvety haired. Blooms late with terminal flowers of greenish-white in dense pannicles. Fruits are large deep crimson. Extra strong stocky plants, 3-4 feet, each 50c; per 10, $4.00.

FLOWERING ORNAMENTAL SHRUBS (Cont.)

Double Flowering Plum. (Prunus triloba). Large, double rose flowers, thickly clustered, blooming before leaves appear. Large three-lobed leaves. The most ornamental early flowering shrub. 2-3 ft., each, 75c; per 10, $7.00.

Russian Artemesia. (A. sacrorum). Not hardy in these sections but makes a 4 to 5 ft. growth each season from the crown. Foliage is a rich green, and grows in pretty pyramidal form. Belongs to same species called "Wormwood," Southernwood and Old Man. Each, 35c; 10, $3.00.

Siberian Dogwood—Cornus siberica)—Also called "Red twigged" dogwood, and really is the Siberian form of "Ki-ni-ki-nik," The branches, especially the annual shoots, are of a bright red color. Flower heads white; berries of light bluish color, height, 4 to 6 feet. Young plants, 2-3 feet, each, 50c; per 10, $4.50.

Lilac, Villosa. A species of hairy leaved lilac from China, having large pannicles and flowers which are light purple in the bud and white when open. Very fragrant. The rich, bright green foliage resembles that of the white fringe. Each, 3-4 feet, 85c; per 10, $8.00.

Lilac, Common Purple—(Syringa vulgaris)—The old fashioned shrub bearing dense pannicles of lilac flowers in May; each, 30c; per 10, $2.50.

Lilac, Common White—The old favorite with its pure white flowers of great fragrance. Each, 35c; per 10, $3.00.

Common Lilac

Buffalo Berry

Hardy Hedges

Buffalo Berry. A hardy native shrub, valuable as an ornamental, as a hedge plant, and for its fruit, a bright red berry the size of a currant, borne very profusely, which makes a wonderful fine jelly.

Siberian Pea Tree. (Caragana arborescens). One of the hardiest of the shrubs introduced from Northern Russia, its foliage resembling the locust. The bark is a bright green, rendering the tree very attractive even after the leaves have fallen. The bright yellow flowers are borne in May and June, and in dainty shape closely resemble pea blossoms. It can be grown as a shrub, trimmed to a tree and planted in hedge rows gives quick and pleasing results. It is absolutely hardy under the severest conditions.

Honeysuckle, Tartarian bush. An upright or bush form of the Honeysuckle and noted for its great profusion and fragrance of its flowers. Growing from eight to twelve feet high (according to location) these tall growing shrubs are extremely suitable for shrubbery clusters and for individual planting purposes, especially in exposed locations, as they are the last word in hardiness. For hedges they are unsurpassable, being very ornamental in a trained hedge and will stand clipping to any desired shape or form.

Russian Olive. (Eleagnus angustifolia). This is the hardiest of the Russian importations. It will thrive on the poorest soils, and withstands drought, heat and cold absolutely. The newer wood has a peculiar silver-gray color, which is also true of the small and narrow leaves. These retain their freshness even after severe frost and remain on until well into the winter. The small yellow flower is produced abundantly and later replaced by small, silvery-white, olive-shaped fruits. Trained to a tree it is most beautifully ornamental. By cutting back, it forms a dense and compact hedge, attractive and effective. For hedge use the plants should be set a foot apart.

Prices for Hedge plants. Express or freight.
NOTE—The 2-3 and 3-4 ft. Russian Olives are very bushy and well branched.

	Each	10	50	100
Buffalo Berry, 2-3 feet	$ .25	$2.00	$9.00	$16.00
Russian Olive, 18-24 in.		1.25	5.50	10.00
Russian Olive, 2-3 feet	.20	1.75	8.50	
Russian Olive, 3-4 feet	.25	2.25	11.00	
Sib. Pea Tree, 6-12 inches		.60	2.50	4.50
Sib. Pea Tree, 12-18 inches		.75	3.25	6.00
Tart. Honeysuckle, 2-3 feet	.40	3.50	16.00	

Mail Prices, Small plants: Honeysuckle, each, 50c; per 10, $4.50. R. Olive or Pea Tree, small plants, per 10, $1.35; per 100, $12.00.

Hardy Roses

IMPORTANT. All roses listed except the Persian Yellow and the named Rugosa varieties, should be protected in winter. In fall cut back slightly, loosen soil around roots, bend plant over and cover with soil. Later on mulch heavily with hay, old straw or strawy manure. Uncover early in spring. Before planting roses, cut back to within 6 inches of the crown. Baby Ramblers and most of the Rugosa will bloom same season as planted.

ROSA RUGOSA

These double Rosa Rugosa are upright shrubs attaining a height of three to four feet, absolutely hardy and not attacked by insects. Its stout thorns make this a beautiful and effective hedge plant. It blooms throughout the summer and needs absolutely no winter protection. Following are the best three named varieties, strong field grown 2-year stock.

Rugosa Hybrid

Hansa (Crimson). The flower is a large beautiful crimson, double and very fragrant.

C. F. Meyer (Pink). The flower is a clear, silvery rose, large and double.

Blanc de Coubert (White). The flowers are pure white, semi-double, and very fragrant.

Prices, above each 85c; per 10, $8.00. Postpaid, each, 95c.

Persian Yellow

CLIMBING ROSES

Crimson Rambler. A wonderful Japanese rose, the most important and valuable acquisition of recent years. A rapid growing climber producing an abundance of semi-double, bright crimson flowers. Each, 65c; per 10, $6.00. Postpaid, each, 75c.

White Rambler. Having the same climbing habit as the Crimson Rambler, but bears pure, pearly, white flowers. Each, 50c; per 10, $4.50. Postpaid, each, 60c.

BUSH ROSES

Gen. Jacqueminot (Hybrid Perpetual or Bush Rose). One of the best and most popular of the red H. P. Roses grown. It is bushy in habit and quite hardy. The large and fragrant flowers are a rich crimson. Should have some winter protection. Each, 85c; per 10, $8.00. Postpaid, each, 95c.

Persian Yellow (Hardy Yellow Bush Rose). An old favorite and still one of the very best roses for the yard. Flowers are bright yellow and double. Each, 85c; per 10, $8.00. Postpaid, each, 95c

Baby Ramblers

BABY RAMBLERS

Baby Ramblers or Dwarf Polyanthus Roses. These are invaluable in bedding work, and if cut back in the fall and potted will bloom throughout the winter indoors. These must also have protection if left outside over winter.

Crimson Baby. The original dwarf form. The wonderful persistency of its crimson bloom makes it deservedly popular. It makes a very beautiful house plant. Each, 85c; per 10, $8.00. Postpaid, 95c each.

White Baby. Daintily modeled and full of perfectly double, pure white flowers. Each, 85c; per 10, $8.00. Postpaid, each, 95c.

Fruit Trees

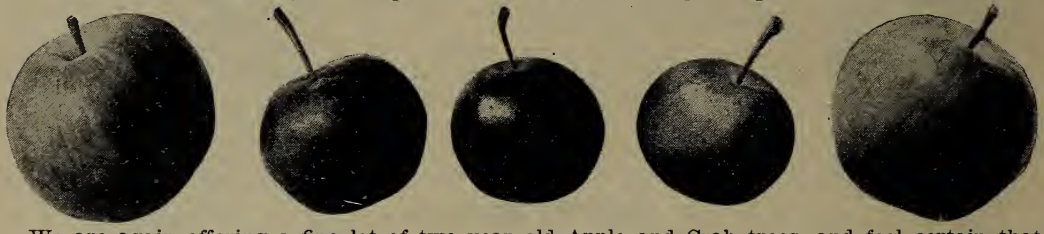
The larger and better known fruits like the Apples, Crabs, Plums, Plum-Hybrids and some of the Cherries, can be successfully grown here to a certain extent; whereas the smaller fruits have proven their economic value and are really a necessity on every Farm and Garden. We again wish to emphasize the fact that our selection of Apple varieties must necessarily be a limited one, and that these should be grown as much as possible in "Bush Form." The Plums of course give the quickest returns of any of the Stone or Pome fruits, being more easily adapted to our harsher and changing climate, and will generally bear fruit the second season after setting out. The Hansen Plum Hybrids, being the result of crosses between our native Sand Cherry and our American Plums, should be allowed to "Bush out" from the ground like the Sand Cherry. This objective can be most easily attained by buying only young stock, either one or two year old trees, and cutting them back very severely at time of setting out. These "Hybrids" will bear fruit the first year after setting out and will produce immense crops in a very short time.

Ideal Form for Fruit Tree

We quote H. O. Werner in N. D. Agr. Ex. Bulletin No. 9: 2. Young trees or shrubs, one or two years old, are the best size, as they do not receive such a serious set-back when transplanted as do older trees. The trees that have matured the greatest growth in one or two seasons and that have a strong root system are the best to use. Try to get low headed trees.

Apples and Crabs

Send for our Leaflet, outlining the latest ideas in fruit growing for the Northwest.



We are again offering a fine lot of two year old Apple and Crab trees, and feel certain that we have to some extent proven to our numerous customers and friends the VALUE of setting out young stock. When setting out young Apple trees, cut back central or main leader (the one year's growth) fully half or more, while side-branches should be clipped to within 6 inches of the main trunk or stem. This will induce trees to "Bush Out" very low and form a new and compact "Head." By following these simple directions, your success is assured. We might add that the Hibernal holds first place for hardiness, with the Patten's Greening and Wealthy following close. 5 at 10 rates.

Prices: 2-year, 3-5 ft., each, 60c; per 10, $5.50. Mail prices, 2-3 ft. each, 70c; per 10, $6.50.

Wealthy. October to January. This variety is beyond doubt the most popular sort thruout the Northwest. A hardy, upright grower, and a very abundant bearer. The fruit is large and dark crimson in color. The flesh is crisp and sub-acid; white, tinged with red. A fine eating apple and one that keeps well in storage.

Hibernal. October to December. The hardiest type of the Russian family. A spreading grower, and an early regular bearer. The fruit is large, and yellow in color, with dull, bronze-red on the sunny side. Excellent for cooking and the best for drying purposes, but tart for eating until ripe.

Patten's Greening. February to March. A seedling of the Duchess, very hardy, vigorous and free from blight. The fruit is large, yellow and keeps remarkably well. One of the best all-around varieties for the Northwest; a good eating and cooking apple.

Okabena. September. Very hardy, productive and remarkably free from blight. The fruit is medium sized, slightly flattened, and highly colored. As an eating apple it cannot be surpassed.

Whitney Crab. August to September. A hardy, thrifty, upright grower. The fruit is very large and glossy green, striped with red. The flesh is firm, juicy and pleasant. It is a very heavy yielder and highly prized for cider.

Hyslop Crab. September to November. A small, late, dark-red crab. It is very hardy, a good yielder and one of the most popular varieties.

Our Apple Trees

Duchess. August to September. A standard early commercial variety and the best known of all the Russian apples. It is very hardy, free from blight, and an early and prolific bearer. The fruit is large, yellow, and handsomely striped with red, very tender and juicy.

Plums [Americana Type]

Plums are the best adapted to our conditions of any of the fruits and are found native all over this state. These native wild plums together with the best of the cultivated named varieties all belong to the American group (Prunus americana) which is the only group of plums hardy in the northwest besides the "Hansen Hybrids." All our plums (except native wild) are budded or grafted on native roots and are therefore absolutely hardy under any conditions and will thrive vigorously anywhere in the northwest. Unlike apples, these plums can be pruned but we advise pruning very little or none for attaining best results. Plums will invariably produce fruit the 2nd or 3rd year after setting out.

After trying out the numerous standard varieties, we have come to the conclusion that the Surprise and De Soto are the two best kinds for the Northern regions, and strongly urge our customers to order these by express only.

PRICES for Plums and Hybrids. 5 at 10 rates.

4-5 feet, De Soto and Surprise, each	$1.25;	per 10,	$11.50
4-5 feet, Opata, Sapa, each	1.35;	per 10,	12.00
4-5 feet, Native wild Plum, each	.50:	per 10,	4.50
Mail size, Native wild Plum, (Postpaid) per 10	1.25;	per 100,	10.00

De Soto Plum

Surprise. A seedling of Minnesota origin (by Mart. Penning) and one of the best of the native type of plums. Tree is upright in growth, fruit very large, with medium thick, tender, bright red skin and pale yellow flesh. The quality is unsurpassable, resembling that of a peach.

De Soto. The most popular of all American plums and a marked success in the Northwest. The tree is very hardy and productive, inclined to overbear. The fruit is of medium size, fine quality and flavor, and bright red with firm, yellow flesh.

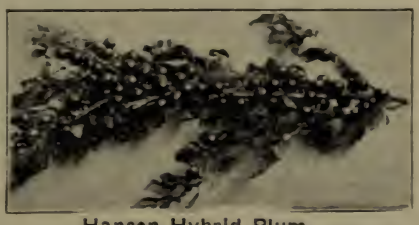
Native Wild Plum. These vary somewhat as to size and color, some being of medium size while others are larger. All however, are good sized plums and are absolutely certain to bear fruit every year after the second year of setting out. We recommend our Mail size, 1½ to 2 feet for the amateur.

Plums [Hansen Hybrids]

These varieties were originated and introduced by Prof. N. E. Hansen of the South Dakota Experimental Station. By cross-fertilizing our native wild plum, the Sand or Rocky Mountain cherry, and the large Japanese plums and apricots, and planting seedlings of these crosses, he has obtained trees that are hardy, are early bearers, and very prolific of fruit, noted for its fine quality and great size.

All of the following varieties will bear first year after setting out without fail. We are listing the 3 to 5-foot size and suggest cutting the tops as with apples, as it is the nature of these hybrids (containing the sand cherry blood) to be more or less bushy in habit.

Opata—A cross of the Dakota sand cherry and the gold plum. Tree of vigorous growth, heading very low and of spreading habit, in which form it should be kept if possible. Fruit dark purplish red with blue bloom, flesh green and firm with very pleasant flavor, combining the best qualities of the sand cherry with the rich sweetness of the gold plum.



Hansen Hybrid Plum

We consider the Opata the best of the Hybrids for this section, both for hardiness and prolificness and are reminded of 5 trees which we saw 6 miles from here, which closely resembled the Sand Cherry in form, excepting that the stems, coming directly out from the crown, were all 5 to 7 feet in length. These trees were loaded down with 1 to 1½ bushels of fruit each.

Sapa—(Sioux Indian word for "black"). The female parent is one of a selected seedling of the western sand cherry, a favorite fruit of the Sioux Indians; the male parent, a very large, purple-fleshed, Japanese plum. The first specimens were only one inch in diameter, but the size has increased. One year trees in nursery have many fruit buds, fruit has glossy, dark purple skin and rich dark purple red flesh.

Your shipment of strawberry plants arrived in good condition. Kindly accept my thanks and appreciation.—MRS. M. L. BERKIN, Flatwillow, Mont.

Compass Cherry

Cherries

Compass. This remarkable fruit, the result of a natural cross between the sand cherry and a native plum. originated with H. Knudson of Springfield, Minnesota. The tree is perfectly hardy, even in the far North, and seems especially adapted to the Western prairies, where it is very free from disease, and remarkably exempt from insect enemies and the depredations of birds. It frequently bears the same year as it is set, and is quite certain to bear a good crop annually thereafter. The fruit which resembles a small bright red plum, is of pleasant acidity as eaten out of the hand and when cooked or canned makes a remarkably fine rich flavored sauce. Price, each, 3-5 feet, $1.25; per 10, $11.50. By mail, smaller trees, each, $1.50; per 10, $13.50.

Choke Cherry. We have given up the domestic sweet and sour cherries as they have been winter killed for the last few seasons, and we do not wish to recommend any variety that will not give satisfaction. We list this year only the native wild cherries and hybrids: being natives of this state and absolutely hardy. These fruits make most excellent preserves. 4 to 5 ft., each, 35c; per 10, $3.00.

Sand Cherry or Rocky Mountain Cherry. This is a native bush cherry, wonderfully productive and very hardy. The fruit is nearly the size of a tame cherry and when dead ripe of pleasant taste. Very fine for jams and jellies. Each, 25c; $2.00 for 10.

SMALL FRUITS

The small fruits give probably the greatest returns on your original investment, of any of the fruits, and delight and satisfy the most careful buyers. Every Garden should contain a few Raspberry bushes, a dozen or two each of Currants and Gooseberries, and 50 or 100 each of the Spring and Everbearing Strawberry plants. These will help keep the family table well supplied with fresh fruits during the summer months after the first year.

STRAWBERRIES

Progressive (Everbearing). See colored plate for illustration. A cross of the Senator Dunlap on the Pan American; this variety is very hardy and productive, and holds first place among the fall sorts. We are not yet ready to recommend it as a big paying market proposition, but we do feel that everyone should plant a bed of Everbearing strawberries with the June bearers as the advantages of strawberries throughout the summer and late fall are not to be denied. Planted in the spring they will give a good yield the same year and produce delicious fruit from July to November. Per dozen, 50c; 100, $2.50, postpaid. By express, dozen, 40c; 50, $1.25; 100, $2.25.

Sen. Dunlap (Perfect-flowering). This is the greatest of all the June bearing strawberries. The vine is tough, bright, a rampant runner, and a sturdy grower. It is wonderfully productive and each berry is regular in shape and of delicious quality. The berry is large, bright red and glossy, firm, a good keeper, and the very best sort for canning It ripens early but continues one month in bearing. Absolutely hardy throughout the Northwest; it yields a good crop in spite of drought and neglect. By express, 25, 40c; 50, 75c; 100, $1.25; 1000, $10.00. By mail, 25, 50c; 50, 90c; 100, $1.50.

For Strawberry Plants. We suggest that whenever possible, you order strawberry plants sent separately, as they will reach you in better shape than when packed in with trees. Most important, however, is the fact that these plants cannot very well be shipped out much before May 1st, and therefore often hold up big orders of trees, waiting only for these plants, whereas, if they had been ordered sent separately, the trees would have been sent out, with berry plants following later. When ordering trees, etc., by express, and strawberry plants are wanted by mail, be sure and order these plants at **mail prices.**

Sand Cherry

Raspberries

This is one of our true Northern fruits and is very much at home in the Dakotas, Montana and the western states. For these regions it is a good plan to lay out rows 6 feet apart, planting the canes 2 to 3 feet apart in the row, thus letting them form a "Hedge Row" 18 to 24 inches wide.

We are listing the three hardiest kinds known, two of these being produced by Prof. N. E. Hansen of Brookings, S. D., and the third or "Peerless Climbing" being of Bismarck origination.

Peerless Climbing—(Red)—This raspberry was originated by Mr. John Millet of Bismarck, and in his trials has given marvelous results. The canes will attain a height of eight to twelve feet if tied to a trellis or pole and berries are produced along the whole length of the plant. The fruit is large, of very good quality, and profusely borne. So far the Peerless has shown unusual hardiness, although we are not yet prepared to say whether it is as hardy as the Sunbeam. Unusually valuable where space is crowded as it may be trained up and will produce a great quantity of fruit on a small area. Prices, per dozen, 75c; 50, $3.00; 100, $5.00. By mail, dozen, $1.00; 50, $3.50; 100, $6.00.

Sunbeam Raspberry

Sunbeam—(Red)—This is the hardiest of all red raspberries and the only red variety we have as yet found that will winter in North Dakota without any protection whatsoever. This variety has stood 47 degrees below zero in our nursery, and seven feet of water stood on the patch several days but the Sunbeams all came out in good shape, bearing heavy crops every year. The Sunbeam is very productive and has distinct heavy foliage. The fruit is of medium size with a bright red color and of excellent quality. The bearing season is very long, lasting until late in August and bearing nearly as much of a crop on the one year shoots as on the older and more established plants. We claim the Sunbeam to be absolutely the best raspberry for the northwestern sections which has been so far produced. Price, per 12, 60c; 50, $2.00; 100, $3.50: Mail, per 12, 75c; 100, $4.00.

Ohta—(Red)—Like the Sunbeam this variety was originated by Prof. Hansen of Brookings, S. D., who, in his endeavors to produce a berry better than the Sunbeam, was finally rewarded by this cross which he called Ohta. This variety might be termed an everbearer, as it bears from July until fall. Price, per 12, $1.00; per 50, $3.50; 100, $6.50; Mail, 12, $1.20; 100, $7.25.

Tye Black Raspberry. This is a native variety found growing wild in the Square Buttes of this state by Mr. O. A. Tye and cultivated by him, and in our nursery for a number of years. The only really hardy black Raspberry. Each, 25c; dozen, $2.50 by express. Each, 30c; dozen, $3.00 by mail.

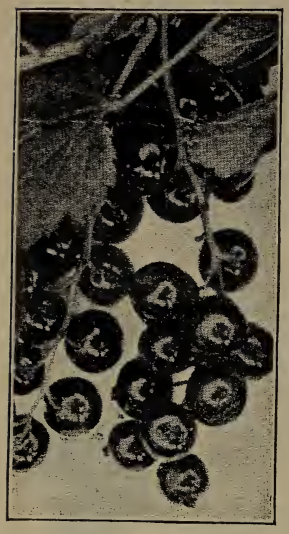
Blackberries

Eldorado. The most valuable variety for our northern climate. It requires covering in winter. The plants are vigorous, and their yield is enormous. The berries are large, jet-black, borne in large clusters and ripen well together. They are sweet and delicious and keep well after picking. Dozen, 95c, postpaid. By express, dozen, 85c; 50, $3.00; 100, $5.00.

Houghton Gooseberry

Gooseberries

Houghton. An enormously productive, reliable old variety. The fruit is smooth, pale-red, tender and well flavored. Of vigorous growth, slender and spreading; it is not subject to mildew. Strong 1 year plants, per 12, $1.75. By mail, per 12, $2.00.



Perfection Currant

Currants

Perfection. Greatest of all currants. The only small fruit ever awarded the Gold Medal of the Western New York Horticultural Society. A cross of Fay's Prolific and the White Grape Currant; it combines the large size and rich color of the Fay with the good quality and productiveness of the White Grape. The berries are rich, mild sub-acid and few seeded. It is the most profitable currant, and the easiest to pick. Prices: each, 25c; doz., $2.50; by mail, each, 30c; doz., $2.75.

Cherry Currant. An old standard variety. The growth is strong, stout and erect. The fruit is of large size, deep-red and rather acid. Very productive. By express, dozen, $1.50; by mail, $1.75.

White Grape. The best variety of white currants. The bushes are thrifty and productive, bearing large, white currants of the very sweetest flavor. By express, dozen, $1.50; by mail, $1.70.

Grapes

Being greatly interested in hardy grapes for the northwest which will grow, thrive and bear fruit without having to cover them, we have traced down the real origin of the hardy Beta grape and find three others in the same lot. These are the **Suelter, Monitor and Dakota,** all of which are crosses of the same type. The Suelter and Beta stand foremost, for which reason we are listing only these two varieties, although all four have withstood 40 degrees below zero weather without freezing back. It is a good plan, however, to cover these the first winter after planting.

Beta. Without doubt the best of the 4 crosses, being earlier in bloom than the others and therefore ripens its fruit so much sooner. The berries are blue-black, medium sized and of peculiar aromatic flavor and ripen about August 25th. This is the most desirable grape for arbors and is largely used for decorative purposes.

2-yr. plants, each, 35c; doz., $3.50. Postpaid, each, 45c.

Suelter. Similar to the Beta but being slightly later and having larger fruit of a slightly better quality. Price same as Beta.

Native Wild. Our native wild grape is very serviceable for arbors and trellis work. Its sour fruit is improved by a good frost and makes an excellent jelly. As the percentage is very low of fertile flowers in grape seedlings, at least a dozen or so plants should be set out if you want to make sure of fruit. We offer only 3-year-old plants, nursery grown. Price, each, 25c; 10, $2.00. By mail, doz., $3.00.

Native Wild Grape Useful and Ornamental

Rhubarb or Pie Plant

Planting our 2-year-old roots saves you from 1½ to 2 years over seed. Our variety produces extra large stalks which for canning and cooking are unsurpassed.

Monarch. Strong, vigorous grower, producing extra large stalks of finest quality, of a decided pink color. For canning or cooking in any way its quality is unsurpassed. Per dozen, $1.50, postpaid. By express or freight, $1.25.

Asparagus

Whether living on the farm or in town, this easily grown vegetable should find a place in every garden. Asparagus roots should be planted in well prepared beds, covering the crowns with 4 to 5 inches of soil and enriched each season with fertilizer to produce the maximum amount of young shoots. For general use cut when three to five inches high, at top of ground (being careful not to cut into eyes or young shoots still underneath ground) as this will give you the most tender, well flavored shoots which can be had at any time. For horse cultivation plant 1 ft. apart in rows, and rows 3 to 3½ ft. apart, while for garden purposes plant in a bed one foot each way and cultivate with a hoe.

Conovers Colossal. This is the largest and most extensively grown green variety.

Columbia Mammoth. A distinct white variety of strong and vigorous growth, producing very large white shoots, which in favorable weather will remain white as long as fit for use. Either kind, doz., 25c; 50, 90c; 100, $1.50; 500, $7.00. By mail, 35c a dozen; 100, $1.75.

Horseradish

Bohemian. A particularly large and smooth-rooted variety of strong flavor. Postpaid, dozen, 35c. By express, dozen, 25c.

Common. The old-fashioned sort. Postpaid, dozen, 30c. By express, dozen, 20c.

Evergreen Trees

Evergreen trees will bring a new beauty and charm to your home. There is unquestionably no better way of beautifying your place than surrounding it with beautiful Evergreens. As an ornamental tree, Evergreens are unsurpassed. No other trees remain green through summer and winter; none are more beautiful. But while their value in this respect is great, Evergreens are most useful in other ways. They protect houses, stock and crops from wind, sun and snow. They conserve the soil's natural moisture. They form a substantial shelter and nesting place for the birds that rid your acres of worms and destructive insects. They are a source of salable timber for fence posts and other uses. Plant some Evergreens around your garden and just see how much difference there is in the temperature and moisture. You will find that you can grow flowers, fruits and vegetables that you never could before.

Black Hills Spruce on the Lawn

There is no tree quite so well beloved by all of us as the Evergreen, nor is there any which has caused as many disappointments in not growing. Ordinarily the evergreens are hard to start, and most of them are not at all hardy. For the cold Northwest we have finally decided on a very short list of Evergreens, but a list of only those sorts which are not very difficult to transplant. By planting only the sorts which we list you will be practically certain to get good results.

Black Hills Spruce Seedlings. Mail or Express

This is the only variety of Evergreen seedlings which we feel can be offered our customers with safety, as this is the hardiest of all the Evergreens, and we are positive that these will give the highest degree of satisfaction. On account of unforeseen circumstances last spring, we were unable to fill most of our seedling orders, but have bought a supply of seedlings again this year, ready for spring shipment. Seedlings come 100 per bunch so do not order less, as we positively will not break bunches. Package of 100, by express, 4-8 inch, $2.50. By mail, per 100, $2.75.

Bull Pine in our Nursery

Select Specimen Plants. By express only

The following varieties are all selected plants, the Spruces being very shapely and bushy while we consider the Pines first class trees. With the exception of the American Larch, all plants are shipped in a basket of earth which we have found to be the only real reliable way of shipping Evergreens. These trees are set in baskets early in Spring and allowed to start before we send them out.

Black Hills Spruce. This is a sub-variety of the White Spruce, but is much hardier. It has been growing in the Black Hills ever since glacial days and there is nothing in the way of blizzards, hot winds, droughts and the like that it had not withstood for centuries before a white man ever saw it. This is one of the most attractive Evergreens and without exception the hardiest. Price, each, 12-18 inches, $1.25; 18-24 inches, $2.25; 2-3 feet, $4.00.

Ponderosa or Bull Pine. (Pinus ponderosa). The hardiest of all Pines, making a tall, well-shaped tree. The foliage is dark, glossy green. 12 to 18 in., each, $1.00; 18-24 inches, $1.50; 2-4 feet, $3.00.

Colorado Blue Spruce Shiners (Picea pungens). An elegant Colorado species with long leathery leaves of rich steel blue. Perfectly hardy anywhere in the Northwest. 18 to 24 in., each, $3.00.

American Larch or Tamarack (Larix decidua). A hardy, deciduous conifer, of rapid growth, with fine needle-like leaves. A valuable timber tree and fine for mixed plantations. 2 to 3 feet, each, 75c; per 10, $7.00; 4-6 feet, each, $1.00; per 10, $9.00.

My order of seeds and shrubs has arrived, all in good condition—MRS. O. G. HENNING, Tonica, Ill.

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Lawn Seed and Lawn Supplies

A Handsome Bismarck Lawn from Will's Emerald Lawn Grass Seed.

Will's Emerald Lawn Mixture

Registered U. S. Patent Office.

This lawn grass mixture has been planted in the Northwest for thirty years, and beautiful lawns in every town in North and South Dakota and Montana prove its value.

The mixture is composed of **only the highest grade seeds** of the several varieties of grass of which it is made up. No clover is contained in the formula, but we are glad to supply White Dutch Clover at 75c per pound and add it to the mixture without charge for mixing.

If you want a good lawn in North Dakota buy Will's Emerald Lawn Mixture. Accept no substitutes.

Directions for Sowing a Lawn—Only ground which has been broken at least a year and is mellow and easily worked should be seeded for a lawn. After spading up, pulverizing thoroughly and smoothing with a rake, the seed should be sown at the rate of one pound to three hundred square feet Do not seed on a windy day as the light grass seed will quickly blow away. After seeding, rake in thoroughly with a double motion of the rake, forward and back. If a roller is available much better success will result if a good rolling is given after seeding. The prepared lawn should then be heavily soaked with water and not allowed to dry out until the grass is well up and the whole surface green.

All sorts of soils contain weed seed, and the black soil hauled on for lawns is often very weedy. Do not blame these weeds to the seedman who can furnish you with the official purity test of his seed.

Price, 50c per lb., postpaid. By express or freight, 5 lbs., $2.00; 10 lbs., $3.25; 20 lbs., $6.00.

Unless you have a steady and good water supply do not plant the lawn mixture. In naturally good soil use Meadow Fescue, under very dry conditions sow Brome Grass or Western Rye Grass according to directions above. For prices consult the grass seed section of our catalog.

Hose and Lawn Supplies

Prices by express or freight, unless marked Postpaid.

LAWN ROLLER—We can furnish a medium size roller which is weighted by filling with water. **Price, $20.00.**

HOSE—**Imperial**—Black, Non-Kinkable, First Quality. Cut any length. **Price, 20c per foot. Couplings, 15c extra.**

Mohawk or Minnesota—Black, cheaper quality, but a good durable hose, 50 foot lengths, with couplings, **$7.50.**

FOUNTAIN SPRINKLERS—The very best type for lawns. **Each, $1.25 postpaid.**

HOSE NOZZLES—**Each, $1.00 postpaid.**

HOSE REELS—Make hose last longer. **Each, $2.25.**

BRASS COUPLINGS—**¾ inch, 10c; $1.00 per dozen postpaid.**

HOSE CLAMPS—**Double ¾ inch, 15c each; dozen $1.50 postpaid.**

HOSE WASHERS—**15c per dozen postpaid.**

FERTILIZERS—**Pulverized Sheep Manure—10 lbs., 60c; 25 lbs., $1.25; 50 lbs., $2.00; 100 lbs., $3.50.**

LAWN RENEWER—A strong, prepared fertilizer for run-down lawns. One pound equals 20 lbs. stable manure. Sow broadcast. 25 lbs. per 1,000 square feet. **10 lbs., 75c; 50 lbs., $2.50; 100 lbs., $4.50.**

North Dakota grown

GRIMM ALFALFA

the Hardiest Alfalfa of them all

SWEET CLOVER

The real clover of the Northern plains

The ideal Rotation crop

FOR PASTURE & HAY & A SOIL ENRICHED